

Source	Folder	Subfolder_1	Subfolder_2	Subfolder_3	Document name	General Document Description	Relevant (Y/N)	Description of Relevance	Doc. Date	Date Range	Page Count			
ADEQ1	Ansul, Tyco, Wormald				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order (CAO) between ADEQ and Ansul, Helena Chemical, and ExxonMobil Chemical	Y	Provides brief summary of site background (page 4); links 3 parties (Ansul, Inc. FKA Wormald US, Inc.; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site (page 1).	3/22/2007		16			
ADEQ1	Ansul, Tyco, Wormald				2008-02-13 Aerial view of Cedar with colored in areas.pdf	Site map from Facility Investigation with structures, wells, and hand-written notes	Y	Provides some contaminant distribution information as of the date of the map.	6/28/1996		1			
ADEQ1	Ansul, Tyco, Wormald				2009-01-09 CAO LIS No. 07-027 (Wormald Separate Agreement).pdf	Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site Investigation Work Plan (SIWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.	N	No relevant information.	1/9/2009		5			
ADEQ1	Ansul, Tyco, Wormald				2009-01-19 Letter to ADEQ - AECOM Comments to AMEC FS.pdf	AECOM review comments on Feasibility Study submitted by AMEC Geomatrix for Tyco Safety Products-Wormald US	N	No relevant information.	1/19/2010		2			
ADEQ1	Ansul, Tyco, Wormald				2009-01-22 Site Investigation Work Plan.pdf	Wormald Site Investigation Work Plan for site prepared by AECOM under Separate Agreement between Wormald (NKA Ansul) and ADEQ.	N	No relevant information.	1/22/2009		65			
ADEQ1	Ansul, Tyco, Wormald				2009-01-26 Memo to Cindy - comments on Wormald SI WP.doc	ADEQ internal memo that Wormald Site Investigation Work Plan dated January 22, 2009 had been reviewed; no comments included.	N	No relevant information.	1/26/2009		1			
ADEQ1	Ansul, Tyco, Wormald				2009-01-29 Letter to AECOM - Approval of SI WP .pdf	ADEQ letter to AECOM approving Site Investigation Work Plan.	N	No relevant information.	1/29/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-02-15 HASP for SI WP.pdf	Health and Safety Plan for site prepared for Tyco Safety Products by AECOM	N	No relevant information.	2/15/2009		49			
ADEQ1	Ansul, Tyco, Wormald				2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	The objective was to investigate the high levels of dinoseb, a constituent of concern, found in 1996 through additional soil sampling and analysis. Analytic results for soil samples collected from 4 to 8-foot depths showed all samples below EPA EPA Region 6 Medium-Specific Screening List (MSSL) standards (page 3).	3/30/2009	03/1-29/2009	88			
ADEQ1	Ansul, Tyco, Wormald				2009-04-09 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report	Y	ADEQ stated that report did not use the most recent Region 6 MSSL and that all dinoseb results exceeded the level for "protection of groundwater," the correct standard to use.	4/9/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-04-16 Letter to ADEQ - Request for time extension to respond to 04-09-09 NOD letter.pdf	Letter from AECOM to ADEQ requesting an extension to respond to ADEQ's comment on the Wormald Site Investigation Report.	N	No relevant information.	4/16/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-04-27 Letter to ADEQ - response to comments (includes revised SI Report).pdf	Response letter to ADEQ with revised Wormald Site Investigation Report by AECOM on behalf of Tyco Safety Products.	Y	Revised report acknowledged that dinoseb results exceeded EPA MCL, but contended all results were below EPA Region 6 MSSL for "industrial soil" and require no further delineation.	4/27/2009		116			
ADEQ1	Ansul, Tyco, Wormald				2009-05-04 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report, revised 04/27/2009 pointing out contradictions and errors.	Y	Since an out-dated standard was used, soil samples above and below the interval, previously held back, may need analysis.	5/4/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-05-21 Letter to ADEQ - Response to ADEQ Comments.pdf	Response letter to ADEQ with Wormald Site Investigation Report "change out pages" from AECOM on behalf of Tyco Safety Products.	Y	AECOM on behalf of Tyco Safety Products, removed the statement that "no further delineation is required" for the soil samples held back; however, holding times had been exceeded.	5/21/2009		14			
ADEQ1	Ansul, Tyco, Wormald				2009-05-26 Letter to AECOM - approval of response to comments and request for surveyor map.pdf	ADEQ approval of revised pages for the Wormald Site Investigation Report submitted on 05/21/2009 by AECOM on behalf of Tyco Safety Products.	N	No relevant information.	5/26/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-05-28 e-mail to ADEQ - change pages to Site Investigation Report.pdf	Email exchange between ADEQ and AECOM with report addendum - survey map - attached.	N	No relevant information.	5/28/2009		8			
ADEQ1	Ansul, Tyco, Wormald				2009-05-29 Memo to Annette - comments on change out pages for SI Report.doc	ADEQ internal memo discussing that revised survey map needed with AR registered surveyor stamp.	N	No relevant information.	5/29/2009		1			
ADEQ1	Ansul, Tyco, Wormald				2009-06-01 e-mail to ADEQ - Revised Map for SI Report.pdf	Email exchange ADEQ and AECOM about revised survey map (attached) which still needs elevations.	N	No relevant information.	6/1/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-06-02 Letter e-mailed to ADEQ - Revised map for SI Report.pdf	Submission of revised survey map as requested to ADEQ by AECOM on behalf of Tyco Safety Products.	N	No relevant information.	6/2/2009		3			
ADEQ1	Ansul, Tyco, Wormald				2009-06-04 Letter to AECOM - Approval of Revised SI Report and request for Feasibility Study.pdf	ADEQ's letter to AECOM on approving the Revised Wormald Site Investigation Report, dated 06/02/2009 with attached routing slip	N	No relevant information.	6/4/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Section 2-2 (page 22) lists six production units and describes and locates Site 3; Section 3.0. describes soil types to "150 ft. bgs (page 25); discussion of hydrology, surface water (pages 26-28); table with biodegradation parameters for dinoseb pathways (page 29). Report also includes Conceptual Site Model to describe movement and remediation by microbial degradation (page 31). Concludes that natural attenuation caused major reduction in dinoseb concentration (page 33). Figure 3-1 has historic soil sampling locations (page 74).	6/29/2009	1996-2009	196			
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Cindy's comments on FS.doc (soil info)	ADEQ internal memo commenting on Feasibility Study submitted by AECOM December 2007	Y	Comments include reference to monitoring wells near Site 3 with dinoseb concentrations in perched aquifer which could impact Site 3. Author contends insufficient sampling data to conclude no contamination is present.	7/13/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (compiled comments)ac.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009.	N	No relevant information.	7/15/2009		2			



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ADEQ1	Ansul, Tyco, Wormald			2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (compiled comments)cm.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009 (abbreviated version of previous).	N	No relevant information.	7/15/2009		2			
ADEQ1	Ansul, Tyco, Wormald			2009-07-13 Memo on Focused Feasibility Study Report for Site 3 (rev 01).doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009 (different abbreviated version of previous).	N	No relevant information.	7/15/2009		1			
ADEQ1	Ansul, Tyco, Wormald			2009-07-13 My comments on Feasibility Study Report.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM 6/29/2009 (different abbreviated version of previous).	N	No relevant information.	7/14/2009		1			
ADEQ1	Ansul, Tyco, Wormald			2009-07-14 Jay's memo - Tyco FI Site 3 Report comments1.doc	ADEQ internal memo commenting only on remedies in the Feasibility Study submitted by AECOM.	N	No relevant information.	7/14/2009		1			
ADEQ1	Ansul, Tyco, Wormald			Working Files.Ink	Broken shortcut	N	No relevant information.	NA		NA			
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faltz request for documents		1988-07-00 Hydrogeologic Study.pdf (soils & hydro info)	Hydrogeologic Study of site done for Cedar Chemical Corp. by engineering firm	Y	Has subsurface physical parameters as of 1988 such as depth to perched aquifer (pages 12-13), groundwater flow direction (page 13); also site map (page 16).	7/19/1988		38			
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faltz request for documents		1991-12-12 memo on December 12, 1991.pdf	Internal memo (agency not identified, presumably ADEQ) of a site visit to inspect SWMUs listed in the "facility investigation preliminary report" submitted Oct. 1991.	Y	Includes description and operation of various components of the WWTP on site. Also visited was the SW pond and ditches (coated with oil). Also noted was yellow soil staining presumed to be dinoseb salts and odor at closed impoundments. Spills observed near processing units, not described. References made to future soil sampling.	#####		3			
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faltz request for documents		Separate Agreement for Cedar Chemical.pdf	Separate Agreement between Wormald (NKA Ansul) and ADEQ to supplement COA dated 03/22/2007.	N	No relevant information.	3/25/2008		5			
ADEQ1	AMEC Documents			2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3)	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	P. 5 summarize site operations including process areas. Pp. 5-7 summarize groundwater, soil, and sediment. Pp. 8-9 list proposed sampling locations. 2006-03-31 Cedar Trip Report.pdf and 2006-03-31 Cedar Trip Report.doc are duplicates. Date in title (document name column) is incorrect. Correct date is 3/31/2006, from cover and header.	3/31/2006		18			
ADEQ1	AMEC Documents			2007-01-07 Clarks notes on gw sampling from site visit.doc	Groundwater sampling event summary. Participants: Geomatrix, Site Environmental & Acquisition Services, ADEQ.	N	No relevant information. Date in title (document name column) is incorrect. Actual document date is 1/7/2008 from page 1 of report.	1/7/2008		2			
ADEQ1	AMEC Documents			2007-03-22 CAO US 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between Adeq and Ansul, Helena Chemical, ExxonMobil Chemical.	Y	P. 1 links 3 parties (Ansul Inc. FKA Wormald US; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site.	3/22/2007		16			
ADEQ1	AMEC Documents			2007-10-22 Letter to ADEQ - request for time extention for CCR.pdf	Request by ExxonMobil Chemical Co. and Helena Chemical Co. for time extension to submit Current Conditions Report.	N	No relevant information.	#####		2			
ADEQ1	AMEC Documents			2007-11-09 3rd Monthly Status Report.pdf	Third Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	Y	P. 1 cites ongoing monitoring well assessment and Current Conditions Report. P. 2 cotes PRP agreement to conduct SI and feasibility study as necessary. P. 3 cites escrow account agreement and deposit made by ExxonMobil and Helena Chemical.	11/9/2007	10/01/2007-10/31/2007	5			
ADEQ1	AMEC Documents			2007-11-16 --- Current Conditions Report (1 of 4).pdf (site physical setting, process list, data 1993-2001)	Current Conditions Report, part 1 of 4	Y	Pp. 25-37 cite prior, historical sampling events, which document onsite and offsite contamination of VOCs, SVOCs, metals, and pesticides in soils, sediments, and groundwater. Contaminants include arsenic, total chromium, 1,2-DCA, dinoseb, methylene chloride, dieldrin.	#####		194			
ADEQ1	AMEC Documents			2007-11-16 --- Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Current Conditions Report, part 2 of 4, figures	Y	Maps and cross sections showing monitoring well locations and groundwater concentrations. Pp. 4-12 compare analytical results to MSSLs.	#####		12			
ADEQ1	AMEC Documents			2007-11-16 --- Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Current Conditions Report, part 3 of 4, figures	Y	Maps showing soil contamination including concentrations exceeding MSSLs.	#####		4			
ADEQ1	AMEC Documents			2007-11-16 --- Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Current Conditions Report, part 4 of 4, figures	Y	Maps showing soil contamination including concentrations exceeding MSSLs.	#####		4			
ADEQ1	AMEC Documents			2007-12-10 4th Monthly Status Report.pdf	Fourth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	Y	P. 2 cites upcoming groundwater sampling event and Feasibility Study. P. 3 cites escrow account fully funded by PRPs and available to ADEQ and agreement between PRPs and ADEQ to conduct SI and feasibility study as necessary.	#####	11/01/2007-11/30/2007	5			
ADEQ1	AMEC Documents			2007-12-15 Sampling and Analysis Plan Summary.pdf	Sampling and Analysis Plan Summary prepared by Geomatrix Consultants, for ExxonMobil Corp. and Helena Chemical Company.	Y	Describes proposed groundwater sampling based on identified areas of contamination. P. 14 includes map of monitoring well locations	#####		14			
ADEQ1	AMEC Documents			2007-12-19 Letter to Geomatrix - comments on Current Conditions Report.pdf	Letter from ADEQ to Geomatrix with comments to Current Conditions Report, citing lack of current site conditions information.	N	No relevant information.	#####		3			
ADEQ1	AMEC Documents			2008-01-02 Cindy's memo regarding SAP Summary.doc	Internal AEEQ memo regarding review of Sampling and Analysis Plan Summary, citing proposed insufficient well purging prior to sample collection.	N	No relevant information.	1/2/2008		1			
ADEQ1	AMEC Documents			2008-01-07 Analytical Table - January 2008 Groundwater Data.pdf	Analytical Results of January 2008 Groundwater Sampling table	Y	Documents groundwater samples with contaminants which exceed Primary and Secondary Drinking Water Standards, and exceed Tap Water MSSL.	1/7/2008		9			
ADEQ1	AMEC Documents			2008-01-07 WELL LOCATIONS~3075498.xls	Groundwater and sediment sampling locations listed in a table.	N	No relevant information.	1/7/2008		1			

ADEQ1	AMEC Documents				2008-01-18 Facility Investigation Workplan (FI WP).pdf	Facility Investigation Workplan, submitted to ADEQ by Geomatrix, contractor for ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Pp. 11-20 include planned sampling, analytical methods and quality control.	1/18/2008		935			
ADEQ1	AMEC Documents				2008-01-18 purchase of Cedar.pdf	Letter from ADEQ to attorney for Quapaw Products, deeming Quapaw Products eligible to participate in Arkansas Brownfields Program and acquire Cedar Chemical property.	N	No relevant information. Date in title (document name) field is incorrect. Correct date is 7/18/2008 from page 1 of document.	7/18/2008		3			
ADEQ1	AMEC Documents				2008-02-04 Letter to Geomatrix - comments on FI WP.pdf	ADEQ comments to Facility Investigation Workplan submitted by Geomatrix on behalf of PRPs.	Y	Pp. 1-2 ADEQ states that proposed analyses will not adequately characterize the contamination at the site (specific contaminants and analyses are cited).	2/4/2008		17			
ADEQ1	AMEC Documents				2008-02-11 6th Monthly Status Report.pdf	Sixth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	N	No relevant information.	2/11/2008	1/1/2008-1/31/2008	5			
ADEQ1	AMEC Documents				2008-02-12 Tammies Meeting Notes.pdf	Various documents with Meeting agenda ADEQ with handwritten notes.	Y	Pp. 6-11 table showing substances and concentrations detected in groundwater at site.	2/12/2008		13			
ADEQ1	AMEC Documents				2008-02-22 Figure - Monitoring Well Locations.pdf	Map of borings and well locations.	Y	Shows sample locations and suspected waste burial areas.	2/22/2008		1			
ADEQ1	AMEC Documents				2008-02-22 Letter to ADEQ - Responses to ADEQ Comment Letter dated February 4, 2008.doc	Geomatrix response to ADEQ's comments to the Facility Investigation Workplan.	Y	Pp. 2-4 discussion of analytical parameters, and onsite contamination, including concentrations.	2/22/2008		5			
ADEQ1	AMEC Documents				2008-02-26 Letter to Geomatrix - conditional approval of FI WP.pdf	ADEQ response to comments on Facility Investigation Workplan	Y	p. 1 discussion of onsite contamination.	2/26/2008		2			
ADEQ1	AMEC Documents				2008-02-29 Letter to Geomatrix - approval of request to extend 90 day storage time frame.pdf	ADEQ approval to request to exceed 90 day storage timeframe for IDW purge water.	N	No relevant information.	2/29/2008		2			
ADEQ1	AMEC Documents				2008-03-17 7th Monthly Status Report.pdf	Seventh Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	N	No relevant information.	3/17/2008	2/1/2008-2/29/2008	5			
ADEQ1	AMEC Documents				2008-03-20 ----- FI Work Plan (1 of 3).pdf	Facility Investigation Workplan prepared by Geomatrix for PRPs.	Y	Pp. 12-17 outline sample collection. P. 18 lists constituents to be analyzed. Pp. 25-33 are maps and cross sections of well locations and waste burial areas, showing known areas of contamination onsite.	3/20/2008		33			
ADEQ1	AMEC Documents				2008-03-20 FI Work Plan (2 of 3) HASP 2008.pdf	H&S Plan prepared by Geomatrix for PRPs.	Y	Pp. 13-14 Table lists contaminants and concentrations.	3/20/2008		235			
ADEQ1	AMEC Documents				2008-03-20 FI Work Plan (3 of 3) QAPP .pdf	QAPP prepared by Geomatrix for PRPs.	Y	Pp. 18-24 discuss sample collection methods; pp. 30-36 discuss QC.	3/20/2008		854			
ADEQ1	AMEC Documents				2008-03-20 Letter to Norac - synopsis of conditions at Cedar Chemical.pdf	Letter from ADEQ to Norac re scheduled off site well sampling.	N	No relevant information.	3/20/2008		2			
ADEQ1	AMEC Documents				2008-03-25 CAO LIS 07-027 (Exxon, Helena Chemical Separate Agreement).pdf	Separate Agreement between Wormald (NKA Ansul), Helena Chemical, and ExxonMobil Chemical, and ADEQ to supplement COA dated 03/22/2007 to conduct SI and FS.	N	No relevant information.	3/25/2008		5			
ADEQ1	AMEC Documents				2008-03-25 Letter to Geomatrix - Approval of FIWP.pdf	ADEQ approval of final Facility Investigation Workplan	N	No relevant information.	3/25/2008		2			
ADEQ1	AMEC Documents				2008-05-16 9th Monthly Status Report.pdf	Ninth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	N	No relevant information.	5/16/2008	4/1/2008-4/30/2008	4			
					2008-05-27 ----- Supplement to FI WP.pdf	FI Workplan Supplement monitoring well completion details.	N	No relevant information.	5/27/2008		3			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Map of pesticides/herbicides in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Map of VOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Map of SVOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 4 Well Construction Detail).pdf	Monitoring well proposed schematic diagram.	N	No relevant information.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-30 Figure - proposed alluvial off-site well map.pdf	Proposed off site monitoring well locations and depth of screened intervals.	Y	May help establish area of contamination.	5/30/2008		1			
ADEQ1	AMEC Documents				2008-06-02 Letter to Geomatrix - Conditional Approval of FI WP Supplement.pdf	ADEQ conditional approval of FI Supplement. Well location figures need correction and need to include offsite well locations.	N	No relevant information.	6/2/2008		2			
ADEQ1	AMEC Documents				2008-06-10 Letter to ADEQ - Response to ADEQ comments on Supplement to FI Workplan.pdf	Submittal of FI Supplement well figures per ADEQ approval.	N	No relevant information.	6/10/2008		1			
ADEQ1	AMEC Documents				2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	Proposal of additional groundwater monitoring wells offsite to identify extent of groundwater contamination.	Y	FI Investigation detected 1,2-DCA at furthest downgradient groundwater well sample location. Pp. 1-2 of this supplement requests approval to install additional monitoring wells to better delineate extent of offsite groundwater contamination.	8/28/2008		2			
ADEQ1	AMEC Documents				2008-08-28 FI WP Supplement No. 3 - proposal for drum vault.pdf	FI identified leaking and crushed drums in drum vault and soil concentrations exceeding screening levels of contaminants of concern in the immediate area. Proposal to remove contents, clean, and backfill drum vault, and demolish warehouse building.	Y	Pp. 1-2 FI Investigation detected contaminants of concern at levels exceeding soil screening levels, and documentation that contaminants are attributable to the site.	8/28/2008		2			
ADEQ1	AMEC Documents				2008-09-05 Letter to AMEC - Approval of FI WP Supplement No 2.pdf	ADEQ approval of installation of additional monitoring wells	N	No relevant information.	9/5/2008		2			
ADEQ1	AMEC Documents				2008-09-05 Letter to AMEC - Approval of time extension to submit FI Report.pdf	ADEQ approval for extension of FI report due date.	N	No relevant information.	9/5/2008		2			

ADEQ1	AMEC Documents				2008-09-08 meeting sign-in sheet.pdf	Quarterly Update Meeting sign-in sheet.	N	No relevant information.	9/8/2008		1			
ADEQ1	AMEC Documents				2008-09-12 Letter to AMEC - NOD of Facility Investigation Workplan Supplement 3 [drum vault].pdf	ADEQ does not approve the PRP FI Workplan Supplement 3, Interim Measure of Removal from Drum Vault. ADEQ cites inadequate characterization of intact drum contents, lack of confirmation sampling, and lack of concurrence with standard practices and regulations. ADEQ requests an acceptable plan for removal of drum vault contents.	Y	Pp. 1-2 demonstrates inadequate proposed procedures for FI on part of PRPs.	9/12/2008		2			
ADEQ1	AMEC Documents				2008-10-01 Letter to ADEQ - request for approval of well location (1 of 2).pdf	Letter from AMAC to ADEQ requesting approval of alternate location for installation of offsite monitoring well.	Y	P. 1 change in location of monitoring well as approved in FI workplan. P. 1 extent of contamination will be based on well location(s) changed from approved FI workplan.	10/1/2008		2			
ADEQ1	AMEC Documents				2008-10-01 Letter to ADEQ - request for approval of well location (2 of 2) [well location map].pdf	Map of proposed additional monitoring well locations in alluvial aquifer.	Y	Sample locations and analytical results posted on map.	10/1/2008		1			
ADEQ1	AMEC Documents				2008-10-13 Draft Interim Facility Investigation Report.pdf	Draft Interim FI Report, submitted to ADEQ from Geomatrix (PRP contractor).	Y	Pp. 9-17 maps documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels. Pp. 25-27, 29, 32-43, 45-48, 51-53, 56-58, 62-64, and 68-70 tables documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels.	#####		73			
ADEQ1	AMEC Documents				2009-01-15 Monthly Status Report.pdf	Seventeenth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	N	No relevant information.	1/15/2009	12/1/2008 12/31/2008	2			
ADEQ1	AMEC Documents				2009-02-05 Letter to ADEQ - notification of SI Report Extension.pdf	Geomatrix follow-up to ADEQ confirming revised submittal date for SI report.	N	No relevant information.	2/5/2009		1			
ADEQ1	AMEC Documents				2009-02-24 AMEC Facility Investigation Report.pdf	FI Report; documents contamination of soil and groundwater with VOCs, SVOCs, pesticides, herbicides, and arsenic. The drum vault had drums in poor condition and crushed, and some containing unknown material. The vault was resealed and left. Soil and water samples collected in vault documented contaminants of concern.	Y	Pp. 25-30, 53-71, 82-85, 87-89, 91-94, 96-108, and 110-125 groundwater and soil contamination above screening and/or regulatory levels documented for 1,2-DCA, 1,2-DCB, dinoseb, 4-chloraniline, toluene, and acetone.	2/24/2009		351			
ADEQ1	AMEC Documents				2009-04-21 Meeting minutes.doc	Minutes from meeting with ADEQ and Exxon, Helena Chemical, and Ensaf to discuss ADEQ comments to FI Report.	Y	P. 1 minutes include statement about purchase of site not going through. Pp. 1-2 include disagreements about scope of evacuation.	4/21/2009		2			
ADEQ1	AMEC Documents				2009-04-21 sign in sheet.pdf	Sign-in sheet for 4/21/2009 meeting	Y	List verifies attendees of meeting cited in above entry (2009-04-21 Meeting minutes.doc).	4/21/2009		1			
ADEQ1	AMEC Documents				2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of FI Report cites deficiencies and/or concerns, including improper location of wells on map, not including all potential sources of contamination, and inconsistencies between report narrative and table analytical results. ADEQ requests response to each item.	Y	P. 1 documents that FI Report as submitted to State, is not final, and will be amended/changed.	4/22/2009		2			
ADEQ1	AMEC Documents				2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	Amec response to ADEQ comments to FI Report. The FI Report was revised to address ADEQ's comments, and amended and new pages are attached for ADEQ's approval.	Y	Pp. 1-2 show data on perched aquifer. P. 21 shows corrected text. P. 24 shows revised well locations.	5/29/2009		24			
ADEQ1	AMEC Documents				2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ review and approval of Amec's revisions to FI Report.	Y	P. 1 documents that revised FI Report data supersedes original FI Report data.	6/4/2009		3			
ADEQ1	AMEC Documents				2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	Amec final response to comments and submittal of revised FI Report pages.	Y	Pp. 4-26 Revised pages were intended to replace original pages; a full revised report, with a new date, and new cover page, was not generated. Documents that the FI Report was amended after it was submitted.	6/16/2009		27			
ADEQ1	AMEC Documents				2009-07-01 1st Quarterly Status Report.pdf	Quarterly Status Report One	N	No relevant information.	7/1/2009	4/01/2009- 6/30/2009	2			
ADEQ1	AMEC Documents				2009-08-11 Feasibility Study Report.pdf	FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix.	Y	Pp. 9-10 document areas of contamination in soil and groundwater. Pp. 42-44 figures indicate samples collected that exceed screening levels. Pp. 15-29 outline remedies. P. 30 outlines RD.	8/11/2009		155			
ADEQ1	AMEC Documents				2009-08-26 Memo to Cindy - comments on FS Report.doc	ADEQ internal memo, review of FS Report, found inadequate in proposed drum characterization, drum vault cleaning, and confirmation sampling.	Y	Documents changes will be made to site characterization outlined in FS Report.	8/26/2009		1			
ADEQ1	AMEC Documents				2009-09-10 Meeting Minutes.doc	Minutes of conference call between ADEQ and PRPs to discuss comments to the FS Report.	Y	Cites inadequacies in FS, which will require changes.	9/10/2009		1			
ADEQ1	AMEC Documents				2009-09-30 meeting with AMEC at ADEQ headquarters.pdf	Meeting between ADEQ and PRPs re ADEQ comments to FS.	Y	Includes sign in sheet of attendees, detailed write-up of ADEQ comments to FS, and handwritten notes. Pp. 2-3 document inadequacies in FS.	9/30/2009		3			
ADEQ1	AMEC Documents				2009-10-07 2nd Quarterly Status Report.pdf	Quarterly Status Report Two	N	No relevant information.	10/7/2009	7/1/2009- 9/30/2009	2			
ADEQ1	AMEC Documents				2009-10-14 Letter to ADEQ - Draft FS Response to Comments.pdf	Amec Geomatrix Response to ADEQ Comments to FS Report. Dismisses some ADEQ comments as not feasible or outside scope.	Y	All 8 pages relevant. Precedes ADEQ's response to Amec Geomatrix below (2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf), detailing specifics of Amec's proposed actions, which ADEQ stated to be in conflict with EPA and State guidance and policy.	#####		8			

ADEQ1	AMEC Documents				2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf	Certified mail letter from ADEQ to Amec Geomatrix, re Amec's response to ADEQ comments to FS. Specific ADEQ concerns in areas of institutional controls and remedial technology for groundwater contamination, establishing soil clean up levels, inclusion of arsenic in contaminants of concern, recommendations in conflict with EPA and State guidance and policy.	Y	Pp. 1-2 cite contaminants of concern and concentrations, and establish additional criteria for FS.	#####		4			
ADEQ1	AMEC Documents				2009-12-15 AMEC Feasibility Study.pdf	Revised FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix. Revised to address ADEQ comments in letters dated 9/10/2009 and 10/28/2009.	Y	Pp. 9-11 document areas of contamination in soil and groundwater. Pp. 75-78 figures indicate samples collected that exceed screening levels. Pp. 15-68 outline remedy and cost alternatives.	#####		217			
ADEQ1	AMEC Documents				2010-01-25 3rd Quarterly Status Report.pdf	Quarterly Status Report Three	N	No relevant information.	1/25/2010	10/1/2009-12/31/2009	2			
ADEQ1	ADEQ and EPA Documents				1991-06-06 Proposed CAO LIS 86-027.pdf	Proposed draft CAO from ADPC&E to counsel for Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Unsigned.	Y	Pp. 2-6 outline site work to be done and format for reporting.	6/6/1991		11			
ADEQ1	ADEQ and EPA Documents				1991-07-11 CAO LIS # 91-118.pdf	CAO between ADPC&E and Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Signed.	Y	Pp. 1-6 outline site work to be done and format for reporting.	7/11/1991		12			
ADEQ1	ADEQ and EPA Documents				1993-06-01 communication.pdf	Conditional approval of RFI workplan from ADPC&E to Cedar Chemical Co. Conditions include: lab QA plan, investigate additional area of buried drums identified through State documents, requirement for AR	Y	Pp. 3-8 lists conditions to be met, including groundwater sampling, quality assessment plan, and monitoring well installation, plugging and abandonment procedures.	6/1/1993		298			
ADEQ1	ADEQ and EPA Documents				2003-04-02 CSM Report by EPA.pdf	Conceptual Site Model, submitted from EPA to ADEQ. Consolidates information about status of facility with respect to exposures to human health and migration of contaminated groundwater.	Y	Profiles, by media, pp. 17-72.	4/2/2003		89			
ADEQ1	ADEQ and EPA Documents				2003-04-02 figure extracted from CSM Report - (figure of boundaries of Site 3).pdf	Site map showing "sites 1-9."	Y	Map shows site features and layout. May help delineate extent of contamination.	4/2/2003		1			
ADEQ1	ADEQ and EPA Documents				2003-06-24 Appraisal of Equipment.pdf	Appraisal of machinery and equipment at site. Done by appraisal contractor for ADEQ.	Y	P. 1 summarizes total values for replacement, fair market, and liquidation. Pp. 7-50 itemizes all site equipment, including waste storage and treatment items, and their locations. Provides insight into site operations and materials handled.	6/24/2003		70			
ADEQ1	ADEQ and EPA Documents				2003-11-15 EPA Removal Action Report.pdf	EPA Removal Action Report, prepared by Weston for EPA. Removal Action consisted of inventorying containerized chemicals onsite, conducting screening, and preparing materials for offsite disposal. Appendices, containing laboratory results of materials removed, are not attached.	Y	Pp. 12-13 summarizes removal of calcium chloride and other products. Pp. 14-22 lists manifests and some specifics on removed substances.	#####		23			
ADEQ1	ADEQ and EPA Documents				2003_10_21 - Cedar Chem EPA authorization to ADEQ to utilize NPDES permit.pdf	EPA approval of ADEQ's request to discharge effluent from site's wastewater treatment system through Outfall 002 to the Mississippi River. Gives approval for discharge on an as needed basis, with adherence to Cedar Chemical's NPDES permit.	N	No relevant information.	#####		2			
ADEQ1	ADEQ and EPA Documents				2004-04 ADEQ Comprehensive Site Assessment.pdf	Comprehensive Site Assessment prepared under Brownfield Program, for ADEQ.	Y	Pp. 4 and 8 conclude that site is suitable for industrial use only, and would result in continued stormwater and groundwater contamination until remediated. Pp. 38-41 list contaminants of potential concern in soil and sediment, cancer risk and reasonable maximum exposure. Document date is month and year only.	4/00/2004		42			
ADEQ1	ADEQ and EPA Documents				2006- ATSDR Health Consultation.pdf	Follow-up report on Farm Workers exposed to 1,2-DCA contaminated groundwater adjacent to site.	Y	P. 6 reports farm workers exposed to contaminated groundwater from site via offsite irrigation wells. Demonstrates offsite migration of 1,2-DCA in groundwater. P. 9 concludes that 1,2-DCA levels are below health comparison values and pose no apparent public health hazard.	6/16/2006		16			
ADEQ1	ADEQ and EPA Documents				2006-01-17 Plan of Action for Removal.doc	Sequential order for remediation: dismantling, site asset auction, site demolition and debris removal, remedial action, O&M.	Y	P. 2 summarizes remedial action and O&M.	1/17/2006		2			
ADEQ1	ADEQ and EPA Documents				2007 Draft Project Manual re Drum Vault.pdf	Draft Solicitation, ADEQ, for Bidders for Dismantling and Demolition of Parts and Equipment Storage Building (Drum Vault), annotated with comments.	N	No relevant information. Date in title (document name column), 2007, is a draft projected date from the cover of the document. Actual document date 4/1/2006 is from document footer.	4/1/2006		100			
ADEQ1	ADEQ and EPA Documents				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	CAO between ADEQ and Ansel, Helena Chemical, and ExxonMobil Chemical to maintain interim measures (site security, maintenance, stormwater control), plan and implement SI and FS, and establish plan for preservation and custody of documents in possession of ADEQ. Signed.	Y	Pp. 4-5 give site history.	3/22/2007		16			
ADEQ1	ADEQ and EPA Documents				2008-03-28 News Release.doc	News release from ADEQ to press/news reporting outlets that ADEQ and Ansel, Helena Chemical and ExxonMobil Chemical have entered into agreement for interim measures, and that ADEQ has asked for voluntary dismissal of lawsuit.	Y	Pp. 1-2 give concise ownership history. Date in title (document name column) is incorrect. Correct date of document is 3/28/2007.	3/28/2007		2			

ADEQ1	ADEQ and EPA Documents				2009-06-11 meeting in w. helena with over 300 people.pdf	Interim Resolution 2009-002, requesting AR State Senate to encourage ADEQ to expedite site cleanup. Submitted by State Senators Crumbley and Malone.	N	No relevant information.	6/11/2009		2			
ADEQ1	ADEQ and EPA Documents				2009-09-14 News Release Cedar Chemical Public Meeting.doc	News release from ADEQ to press/news reporting outlets that public meeting scheduled for September 22, 2009. Meeting purpose to update residents on cleanup work.	N	No relevant information.	9/14/2009		2			
ADEQ1	ADEQ and EPA Documents				2009-11-25 Memo to Tammie on EPA Removal Report.doc	ADEQ internal memo, review of EPA Removal Action Report.	N	No relevant information.	#####		1			
ADEQ1	ADEQ and EPA Documents				2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft RADD. Summarizes selected remedies and alternatives. Summarizes manifests with substances and quantities of wastes.	Y	Pp. 13-22 summarize 74 SWMUs and 3 AOCs. Pp. 23-24 summarize COCs in soil and groundwater, and those that exceed health-based screening levels. Pp. 25-26 summarize human health and ecological risks. Pp. 40-42 summarize selected remedies and alternatives. Pp. 55-63 summarize manifests.	2/24/2010		70			
ADEQ1	ADEQ and EPA Documents				2010-03-04 News Release - Cedar Chemical hearing scheduled for March 16th.doc	News release from ADEQ to press/news reporting outlets that a public hearing will be held to receive comments on RA plan.	N	No relevant information.	3/4/2010		2			
ADEQ1	ADEQ and EPA Documents				2010-04-10 Cedar Lease Agreement.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw Products, LLC, Lessee. Signed, but missing dates of lease term. Lessee will use property for wood products process and manufacturing facility.	Y	2011-04-27 Lease Agreement with option to Purchase.pdf is a duplicate of this document. This document has two pages numbered 13--one without signatures, one with signatures. P. 4 documents that wood products process and manufacturing facility leased site in 2010.	4/10/2010		14			
ADEQ1	ADEQ and EPA Documents				2010-04-21 Routing Slip for Responsiveness Summary for comments to Cedar RADD.pdf	ADEQ internal routing slip for review and concurrence of Responsiveness Summary for comments to Cedar RADD.	N	No relevant information.	4/21/2010		1			
ADEQ1	ADEQ and EPA Documents				2010-05-11 Letter to politicians - notice of lease agreement.pdf	Letters from ADEQ to: State Senators Crumbley and Malone and State Representative Hall, regarding lease agreement with option to purchase between ADEQ and Quapaw, LLC, effective 4/27/2010.	Y	p. 1 establishes commencement date of 4/27/10 Lease Agreement for wood products process and manufacturing facility.	5/11/2010		4			
ADEQ1	ADEQ and EPA Documents				2010-06-03 Final RADD.pdf	ADEQ Response to PRP Comments to Draft RADD, and Final Decision with attached Final RADD. Summarizes manifests with substances and quantities of wastes.	Y	Pp. 68-77 summarize 74 SWMUs and 3 AOCs. Pp. 78-79 summarize COCs in soil and groundwater, and those that exceed health-based screening levels. Pp. 80-81 summarize human health and ecological risks. Pp. 96-98 summarize selected remedies and alternatives. Pp. 111-119 summarize manifests.	6/3/2010		124			
ADEQ1	ADEQ and EPA Documents				2010-07-01 Helena Chemical's Appeal of the Final RADD.pdf	Helena Chemical Company's request for APCEC Commission Review of ADEQ decision to issue RADD to facility. Helena Chemical Co. argues that they do not own facility and that the final RADD does not follow recommendations of FS. Helena Chemical does not supply specifics on their complaint.	N	No relevant information. Lack of specific information.	7/1/2010		5			
ADEQ1	ADEQ and EPA Documents				2011-04-05 Letter to cedar late taxes.pdf	From ADEQ to Phillips County Tax Collector. Delinquent 2008 and 2009 property taxes for site are in error, as site is held as a public trust and is not taxable. Public trust order is attached.	N	No relevant information.	4/5/2011		6			
ADEQ1	ADEQ and EPA Documents				2011-04-27 Lease Agreement with option to Purchase.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw Products, LLC, Lessee. Signed, but missing dates of lease term. Lessee will use property for wood products process and manufacturing facility.	Y	Duplicate of 2010-04-10 Cedar Lease Agreement.pdf, with one page numbered 13 with signatures. P. 4 documents that wood products process and manufacturing facility leased site in 2010.	4/27/2011		13			
ADEQ1	ADEQ and EPA Documents				2012-03-09 Cedar No Dig Map 11x17.pdf	Map showing where excavation is not allowed.	Y	Shows facility buildings and features with labels.	3/9/2012		1			
ADEQ1	ADEQ and EPA Documents				2012-03-21 Ar Dem Gazette Article.mht	Newspaper article that cleanup costs at site exceed the funding available in the ADEQ Remedial Action Trust Fund. The State requested that the U.S. EPA add the site to the national Superfund list.	Y	Documents cost of cleanup at \$37 Million to date of article.	3/21/2012		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report			2006-03-31 Cedar Trip Report.pdf	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3), with an extra blank page at end of document.	3/31/2006		19			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-01-06 Groundwater Data from 2005.rtf	Laboratory analytical data from one or more sampling events.	Y	May be useful for documenting contamination, but lab sample IDs would need to be matched with trip sample IDs to determine sample locations. Data are not validated.	1/6/2006		141			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-03-31 Cedar Trip Report.doc	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3).	3/31/2006		18			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-03-31 CvLtr.pdf	Transmission letter from Booz Allen Hamilton to EPA, submitting Trip Report.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-03-31 Fig1.pdf	Trip Report Figure 1, Site Location Map	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		Monitoring Well Locations.xls	Trip Report Monitoring Well Locations by latitude, longitude	Y	Documents locations of monitoring wells installed and sampled.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttA.pdf	Trip Report soil boring log	Y	Pp. 1-4 document subsurface staining and odor at sampling location.	3/31/2006		4			

ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttB.pdf	Trip Report Table 1 Water Quality Parameter Data	N	No relevant information.	3/31/2006		6			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P1.pdf	Trip Report Field Notebook. Groundwater sampling and photo log.	Y	Might be useful for additional documentation of groundwater sampling and/or photos.	3/31/2006		19			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P2.pdf	Trip Report Field Notebook. Groundwater sampling.	Y	Might be useful for additional documentation of groundwater sampling.	3/31/2006		20			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P3.pdf	Trip Report Field Notebook. Groundwater, sediment, and subsurface soil boring sampling with photo log.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling and/or photos.	3/31/2006		8			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P1.pdf	Trip Report Photo 1, photo documentation of groundwater, sediment, and subsurface soil boring locations.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling, in conjunction with field notebooks and trip report.	3/31/2006		17			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P2.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006		12			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P3.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006		14			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttE.pdf	Trip Report sample chains of custody forms.	N	No relevant information.	3/31/2006		7			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095_Fig2.pdf	Trip Report Figure 2, Onsite Sample Location Map	Y	Documents locations of soil, sediment, and groundwater samples collected onsite.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095_Fig3.pdf	Trip Report Figure 3, Off Site Sample Location Map	Y	Documents locations of groundwater samples collected off site.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0001.JPG	Trip Report Photo 1, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0002.JPG	Trip Report Photo 2, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0003.JPG	Trip Report Photo 3, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0004.JPG	Trip Report Photo 4, no legend. Impoundments.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0005.JPG	Trip Report Photo 5, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0006.JPG	Trip Report Photo 6, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0007.JPG	Trip Report Photo 7, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0008.JPG	Trip Report Photo 8, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0009.JPG	Trip Report Photo 9, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0011.JPG	Trip Report Photo 11, no legend.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0012.JPG	Trip Report Photo 12, no legend. Above ground storage tanks.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0013.JPG	Trip Report Photo 13, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0014.JPG	Trip Report Photo 14, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0015.JPG	Trip Report Photo 15, no legend. Groundwater sampling location.	N	No relevant information.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0016.JPG	Trip Report Photo 16, no legend.	N	No relevant information.	3/31/2006		1			

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ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0145.JPG	Trip Report Photo 145, no legend. Groundwater sampling.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0146.JPG	Trip Report Photo 146, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0147.JPG	Trip Report Photo 147, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0148.JPG	Trip Report Photo 148, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0149.JPG	Trip Report Photo 149, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0150.JPG	Trip Report Photo 150, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0151.JPG	Trip Report Photo 151, no legend. Groundwater sampling.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0152.JPG	Trip Report Photo 152, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0153.JPG	Trip Report Photo 153, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0154.JPG	Trip Report Photo 154, no legend. Monitoring well.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0155.JPG	Trip Report Photo 155, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0156.JPG	Trip Report Photo 156, no legend. Monitoring well.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0157.JPG	Trip Report Photo 157, no legend. Monitoring well.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0158.JPG	Trip Report Photo 158, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0159.JPG	Trip Report Photo 159, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0160.JPG	Trip Report Photo 160, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0161.JPG	Trip Report Photo 161, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0162.JPG	Trip Report Photo 162, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0163.JPG	Trip Report Photo 163, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0164.JPG	Trip Report Photo 164, no legend. Monitoring well.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0165.JPG	Trip Report Photo 165, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0166.JPG	Trip Report Photo 166, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		IMG_0167.JPG	Trip Report Photo 167, no legend.	N	No relevant information.	3/31/2006						
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Sampling Pictures		Thumbs.db	Unable to open.	N	No relevant information.							
ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S2C - in situ stabilization.pdf	Detailed cost estimate for Soil Remedy Alternative S2c: In Situ Stabilization	N	No relevant information.	Undated		2				
ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S2C - in situ stabilization.xls	Excel version of detailed cost estimate for Soil Remedy Alternative S2c: In Situ Stabilization	N	No relevant information.	Undated		2				

ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S4C - SVE for Unit 6 (1 of3).pdf	Detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (decommissioning)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S4C - SVE for Unit 6-2.pdf	Detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (annual)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S4C - SVE for Unit 6-3.pdf	Detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (capitol costs)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD			\$ estimate - Alternative S4C - SVE for Unit 6.xls	Excel version of detailed cost estimate for Soil Remedy Alternative S4c: Soil Vapor Extraction (capitol costs)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD			2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft Remedial Action Decision Document (RADD) issued by ADEQ for comments by public on site clean-up plans.	Y	Site produced variety of agricultural and organic chemicals, including insecticides, herbicides, polymers, & organic intermediates (page 8). Also mentioned as producing methoxychlor in 1970 and includes lists of chemicals produced at each of 6 production Units (page 8). Groundwater contaminants listed (pages 11 and 12). COCs listed for soil and GW (Tables 2A and 2B on pages 17 and 18). Removal action included inventory of chemicals removed from the site (Appendix A) which has a Chemicals/Manifest Summary with IL or AR manifest numbers, name of Transporter, but not Generator, and date range 08/14/2003-10/06/2003 (pages 54-62).	2/24/2010		67			
ADEQ1	ADEQ and EPA Documents	RADD			2010-03-18 AECOM comments on RADD.pdf	AECOM's review of RADD, with comments submitted to ADEQ on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes of client participation and disagreements with earlier AECOM reports.	Y	References potentially useful earlier reports by AECOM: e.g., SI report, FF5 report, FS report. Comments mention discrepancies between listed COCs and health-based standards (page 2).	3/18/2010		7			
ADEQ1	ADEQ and EPA Documents	RADD			2010-03-18 Ann Faitz comments on RADD.pdf	Review of RADD by attorney Ann Faitz, on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes with site history, phraseology, and disagreements with earlier documents.	N	No relevant information.	3/18/2010		5			
ADEQ1	ADEQ and EPA Documents	RADD			2010-03-22 Letter by local citizen.pdf	Letter from local citizen, Charles M. Tappen, advocating redevelopment of the site to replace at least some of the jobs provided by the site in the past.	N	No relevant information.	3/22/2010		2			
ADEQ1	ADEQ and EPA Documents	RADD			2010-03-24 Exxon comments on RADD.pdf	Review of RADD by attorneys on behalf of ExxonMobil and Helena Chemical. Comments included agreement with earlier Facility Investigation report (FIR) and CCR (Current Conditions Report) and disputes RADD's disagreement with them.	N	No relevant information.	3/25/2010		6			
ADEQ1	ADEQ and EPA Documents	RADD			2010-04-20 DRAFT RADD.doc	Word version of Draft Remedial Action Decision Document (RADD) in track changes mode. No title page; no author specified, although assumed to be ADEQ.	N	No relevant information.	4/20/2010		42			
ADEQ1	ADEQ and EPA Documents	RADD			2010-04-22 Cedar RADD Response to Commentsa.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ with emphasis on remedies not chemical or processes.		No relevant information.	4/22/2010		29			
ADEQ1	ADEQ and EPA Documents	RADD			2010-05-04 clay's responses.doc	Draft word version of single response to an AECOM question/comment re retention of some structures on site by new owner, rather than complete demolition	N	No relevant information.	5/1/2010		1			
ADEQ1	ADEQ and EPA Documents	RADD			2010-05-07 DRAFT RADD.doc	Word version of Draft Remedial Action Decision Document (RADD) in track changes mode. Spot check suggests it is the same file as version dated 04/20/2010	N	No relevant information.	5/7/2010		42			
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-02 Cedar RADD Response to Comments b.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Includes minor changes (spelling correction, deletion, added text) related to redevelopment.	N	No relevant information.	6/2/2010		30			
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-02 Cedar RADD Response to Commentsa.doc	Draft Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Spot check suggests this is very similar to the file as the one dated 04/22/2010.	N	No relevant information.	6/2/2010		29			
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-02 RADD.doc	Word version of Remedial Action Decision Document (RADD) in track changes mode. Spot check suggests it is the same file as Draft dated 05/07/2010, except for spacing.	N	No relevant information.	6/2/2010		42			
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-03 Cedar RADD Response to Comments c.doc	Word version in track changes mode of Response to Comments & Final Decision on RADD by ADEQ. Virtually the same as 6/02/2010 version. Larger page count from formatting and added page breaks, not additional text.	N	No relevant information.	6/3/2010		34			

ADEQ1	ADEQ and EPA Documents	RADD			2010-06-03 Final RADD.pdf	PDF file of Final Response to Comments & Final Decision on the RADD Document with attached Final RADD. Includes comments from Harcros Chemical/ Quapaw Products, and from Allan Gares on behalf of Helena Chemical Co.	Y	Final RADD includes input from Comments to finalize, adjust and add information for SWMUs, for what is generated at production Units 1-6, for the COCs for soils (using both health protective screening limits and groundwater protection screening levels, for COCs for on-site perched groundwater, for on-site alluvial groundwater and off-site alluvial groundwater. Appendix A, Chemicals/Manifest Summary unchanged.	6/3/2010		123				
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-03 RADD.doc	Undated Word document in track changes mode w/o title page. Appears to be the RADD. Comparison with Word document of the RADD dated 06/02/2010 shows same edits but some difference information so that the two are not identical.	N	No relevant information.	6/3/2010		40				
ADEQ1	ADEQ and EPA Documents	RADD			2010-07-07 alternative comparizon - RADD vs. FS.xls	Excel spreadsheet showing costs for different remediation methods proposed in the RADD vs. the FS for four methods: SVE, stabilization, alluvial aquifer biodegradation, and perched zone pilot study. The ADEQ justification for each method is listed with the table.	N	No relevant information.	7/7/2010		1				
ADEQ1	ADEQ and EPA Documents	RADD			2010-07-07 RADD vs FS.doc	Word document titled Explanation of Significant Differences ADEQ RADD vs. AMEC FS.	Y	Document describes different ways in which COCs can be defined. Included are comparisons of two soil remediation methods: in situ stabilization and soil vapor extraction (SVE) and a comparison of building demolition plans. Soil treatment included areas treated and cost. The justification for soil treatment was to reduce source of dinoseb to the perched aquifer. Keeping selected buildings was per stipulations in lease of site to Quapaw LLC.	7/7/2010		2				
ADEQ1	ADEQ and EPA Documents	RADD			Appendix A RADD.pdf	Copy of RADD Appendix A Chemicals/Manifest Summary with information source not listed.	N	No relevant information.	1/27/2010		9				
ADEQ1	ADEQ and EPA Documents	RADD			Cedar Chemical Draft RADD.pdf	Draft RADD for Cedar Chemical - earlier version than 02/24/2010. Based on spot check, text is the same with two dates highlighted. Difference in page count because earlier version does not have eight pages of figures.	N	No relevant information.	1/30/2010		59				
ADEQ1	ADEQ and EPA Documents	RADD			Cindy's folder.Ink	Broken shortcut	N	No relevant information.	NA		NA				
ADEQ1	ADEQ and EPA Documents	RADD			cover page.doc	Cover page for RADD dated June 2010	N	No relevant information.	06/00/2010		1				
ADEQ1	ADEQ and EPA Documents	RADD			Figures from AMEC Feasibility Study (revision 01).pdf	Six Figures (out of order) from FS (no. 1, 3-7); figures also used in the RADD		No relevant information.	Undated		7				
ADEQ1	ADEQ and EPA Documents	RADD			Jim's Folder.Ink	Broken shortcut	N	No relevant information.	NA		NA				
ADEQ1	ADEQ and EPA Documents	RADD			Memo to Tammie - Allen Gates Public Hearing trascription1.doc	Word document of an Internal ADEQ memo about a public hearing with a passage quoted by Allen Gates, representing Helena Chemical Co. Gates spoke of re-use options for the site, specifically Harcros/ Quapaw's ideas and stated the Council supported reuse of the site as a way to save money, maintain site security, etc. Gates asked if the RADD could be revised to include a re-use option.	N	No relevant information.	3/16/2010		2				
ADEQ1	ADEQ and EPA Documents	RADD			Memo to water division.doc	Word document of an Internal ADEQ memo transmitting a Draft version of the RADD for question or comments.	N	No relevant information.	1/15/2009		1				
ADEQ1	ADEQ and EPA Documents	RADD			Public Notice - Fact Sheet.doc	Word document of the ADEQ's Notice of the RADD Fact Sheet notifying the public of the release of a draft report with 30 days for submitting comments or questions with contact information. Factsheet includes brief site history and non-specific contaminant concerns.	N	No relevant information.	1/30/2010		2				
ADEQ1	ADEQ and EPA Documents	RADD			RADD Figures.pdf	Figures 1 - 7 from the RADD. Duplicates of figures in the FS	N	No relevant information.	undated		7				
ADEQ1	ADEQ and EPA Documents	RADD			Working Files - RADD.Ink	Broken shortcut	N	No relevant information.	NA		NA				
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-03-25 CAO LIS 07-027 (Exxon, Helena Chemical Separate Agreement).pdf	Separate Agreement to COA dated 03/22/2007, between Wormald (NKA Ansul)/ExxonMobil Chemical Co./Helena Chemical Co. and ADEQ to conduct an SI and FS. The three parties on 08/08/2007 agreed to do Current Conditions Report, SI Work Plan, an SI Report, and an FS under terms of original CAO.	N	No relevant information.	3/25/2008		5				
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-16 9th Monthly Status Report.pdf	Monthly Status Report for April 2008 from GeoMatrix on behalf of ExxonMobil Chemical Co. and Helena Chemical Co to ADEQ. Summarized work done and planned; no relevant specifics.	N	No relevant information.	3/24/2008-4/30/2008		4				
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Figure 1: Map of groundwater and soil sampling locations and lab results for pesticides and herbicides in March 2008.	Y	Map locations are color-coded for various exceedences of the different analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008		1				

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Figure 2: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different VOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Figure 3: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different SVOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 4 Well Construction Detail).pdf	Figure 4: Well Construction Diagram.	N	No relevant information.	4/30/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP.pdf	Transmittal to ADEQ by GeoMatrix of a Supplement to the previously submitted Facility Investigation Work Plan. The Supplement was intended to describe the objectives of the planned groundwater monitoring system.	N	No relevant information.	5/27/2008		3			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-30 Figure - proposed alluvial off-site well map.pdf	Map showing proposed off-site well locations.	N	No relevant information.	5/30/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-06-02 Letter to Geomatrix - Conditional Approval of FI WP Supplement.pdf	ADEQ comments on the Supplement to the Facility Investigation Work Plan, requesting changes.	N	No relevant information.	6/2/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-06-10 Letter to ADEQ - Response to ADEQ comments on Supplement to FI Workplan.pdf	GeoMatrix's submittal in response to ADEQ comments on the Work Plan prepared on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	No relevant information.	6/10/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	AMEC GeoMatrix's letter to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co., proposed an additional well based on extent of contamination discovered during the Facility Investigation.	Y	Data from the additional monitoring wells for the Facility Investigation have shown 1,2-DCA contamination of groundwater extending beyond site boundaries.	8/28/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-08-28 FI WP Supplement No. 3 - proposal for drum vault.pdf	AMEC GeoMatrix's letter to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co., proposed that the drum vault, a potential secondary source, be treated as a single unit. AMEC proposed a general approach to the removal of the vault.	N	No relevant information.	8/28/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-09-05 Letter to AMEC - Approval of FI WP Supplement No 2.pdf	ADEQ approved AMEC's request to install an additional monitoring well.	N	No relevant information.	9/5/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-09-12 Letter to AMEC - NOD of Facility Investigation Workplan Supplement 3 [drum vault].pdf	ADEQ rejected AMEC's proposed drum vault removal method because the intact drums should be dealt with separately from other vault components. Also, AMEC's proposal failed to include confirmatory sampling.	N	No relevant information.	9/12/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-10-01 Letter to ADEQ - request for approval of well location (1 of 2).pdf	AMEC's letter to ADEQ stated that previously obtained permission to drill one of four additional wells as outlined in the 08/28/2008 Supplemental FI Workplan, had been rescinded. A proposed alternate well location was submitted to ADEQ for approval.	N	No relevant information.	10/1/2008		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-10-01 Letter to ADEQ - request for approval of well location (2 of 2) [well location map].pdf	Map submitted with the 10/01/2008 letter showing the four original well locations and the alternate location.	N	No relevant information.	8/19/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-10-13 Draft Interim Facility Investigation Report.pdf	Interim Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report includes potentiometric maps of four different aquifer horizons; distribution maps of laboratory results for VOCs, SVOCs, herbicides/pesticides in soil and groundwater; chlorinated hydrocarbons in groundwater; and soil and groundwater results from the drum vault. The report also had a cross section of the site showing the subsurface. Tabulated data included two quarters of sampling, spring and summer 2008. The full report is to be submitted in January 2009.	#####	3/28/2008-7/10/2008	73			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-01-15 Monthly Status Report.pdf	Monthly Status Report prepared by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co., reported no site activities in December 2008.	N	No relevant information.	1/15/2009		2			

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report identified long term COCs in soil and groundwater beyond site boundaries (page 10-11). Other findings included: confirmation that perched aquifer had low transmissivity; therefore, small role in spreading contaminants laterally (page 23). Alluvial aquifers sourced by perched, with groundwater gradient rather flat and to SE and SW (page 24). Transmissivity higher in Alluvial aquifer. Plotted / discussed horizontal and vertical extents of various VOCs and SVOCs in soils above regulatory standards; some pesticides; metal concentrations in soils generally low compared to background results. Groundwater: some VOCs, SVOCs, pesticides in perched aquifer above regulatory standards (page 27); similar in alluvial aquifer but lower concentrations suggesting perched is the source and clay impedes downward flow (page 29). Text, tables and maps show distribution laterally and with depth and comparison of historical and current data to define trends (page 31). Data analyzed statistically (pages 35-36). Report concluded much of "contaminant mass" is in soil of the perched zone (page 38). Comparison with CCR data showed marked decrease in some analytes	2/24/2009	11/16/2007-11/07/2008	351					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of the FI Report listed gaps & questions for AMEC	N	No relevant information.	4/22/2009		2					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	AMEC responses to ADEQ questions/issues on the FI Report.	Y	Responses included sources of perched zone historic data and other historic data in Table 11 (pages 1 and 2); accurate locations of off-site wells (pages 2 and 3).	5/29/2009		24					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ's review of AMEC's responses and approval of the FI report with a request to submit a final version.	N	No relevant information.	6/4/2009		3					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	AMEC's submittal of replacement pages to finalize the FI report	Y	Replacement Table 11 (historical data comparison) (pages 8-9), addition of COC trend plots of concentrations over time (pages 11-23), and revised figures 2 and 5 (pages 25 and 26).	6/16/2009	11/16/2007-11/07/2008	27					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-07-01 1st Quarterly Status Report.pdf	Quarterly Status Report (4/01/2009-06/30/2009) submitted by AMEC to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	No relevant information.	7/1/2009		2					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-08-11 Feasibility Study Report.pdf	AMEC's submittal of Feasibility Study Report to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. Purpose of report is to propose remedy(ies) to address elevated levels of specified COCs, as required by the CAO dated 03/22/2007.	N	No relevant information.	8/11/2009		155					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-07 2nd Quarterly Status Report.pdf	Quarterly Status Report (7/01/2009-09/30/2009) submitted by AMEC to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	No relevant information.	10/7/2009		2					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-14 Letter to ADEQ - Draft FS Response to Comments.pdf	AMEC's response to ADEQ emailed comments on the FS Report	N	No relevant information.	#####		8					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf	ADEQ's response to the response received from AMEC on the FS Report	N	No relevant information.	#####		4					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, to ADEQ, as required under the CAO signed 03/22/2007, to address agency questions.	Y	Intent of report was to recommend a remedy to address elevated COCs identified on the site. Findings at the site relevant to choice of remedy included: (1) on-site analytic results for various COCs in soil (5 COCs above screening levels) (page 9); (2) physical parameters for perched aquifer (low hydraulic conductivity) (page 9); (3) physical parameters for alluvial aquifer (highly transmissive - 4 COCs above screening levels) (page 10); (4) source appears to be process and waste disposal area (page 10); (5) drum vault has elevated levels of various COCs (page 10); (6) some impact to off-site agricultural wells (page 10). Comparison with historic analytic data shows decline in concentrations of COCs (page 11). The recommended remedies are a combination of exposure control, source containment, natural attenuation, and active treatment (pages 58-59).	#####		217					
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-01-09 CAO LIS No. 07-027 (Wormald Separate Agreement).pdf	Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site Investigation Work Plan (SIWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.	N	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-01-09 CAO LIS No. 07-027 (Wormald Separate Agreement). PDF	1/9/2009		5					

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-01-22 Site Investigation Work Plan.pdf	AECOM submitted the Wormald Site Investigation Work Plan to ADEQ on behalf of Tyco Safety Products - Ansul Incorporated.	N	No relevant information.	1/22/2009		65			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009		88			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1990-06-15 Site Characterization WP.pdf	Site Characterization Work Plan on behalf of Cedar Chemical Corporation, which plans construction of a dichloroaniline plant.	Y	Project prompted by excavation, which found drum vault with 2-4,6 dinitrophenol. Drums reportedly buried around 1972 (page 5). Drum vault defined with magnetometer survey (pages 6-7); sampling planned (page 8). Documents provided do not include the actual Site Characterization report. Figure 2 (dated 1990) shows site with drum vault location, original tank farm area, stormwater pond and other features not on later site maps (page 24).	6/15/1990		94			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1991-10-15 Ensaf Facility Investigation Preliminary Report.pdf	Facility investigation Preliminary Report, prepared by Environmental & Safety Designs, Inc. for Cedar Chemical Corporation under a CAO issued by the ADPC&E (NKA ADEQ).	Y	Report provides picture of site while operating in 1991; five production units, a "biological treatment system," and closed surface impoundments (page 5). All hazardous materials/waste treated in "biological treatment system," and discharges under NPDES permit (page 7). Report describes basics of operations, size of operations (page 10), method of hazardous waste treatment and disposal off-site (page 10); transporters are listed (page 11). On-site disposal (pre-ownership by Cedar Chemical, i.e., 1971-1973) in unlined earthen ponds. Wastes disposed of included those from off-site facilities. One pond used to neutralize acidic chemicals. Drums (~300) buried on-site by prior owner/operator in concrete vault; Cedar Chemical to remove same per CAO (page 12). Site had numerous SWMUs (Figure 3.1, page 22) and was subject to several CAOs (pages 17-18). July 29, 1986 memo from contractor to EPA has site operations history and sampling results (pages 129-131).	#####	1970-10/15/1991	169			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Expanded revised version of 10/15/1991 version. Pages somewhat out of order; Table 2-1 has processes by unit, including feed, product, and gaseous, liquid and solid waste streams (pages 17-22); Table 2-2 list hazardous wastes generated at the site (pages 25-27) and reportedly disposed of off-site. Exceptions were three on-site ponds, which received propionic acid wastes, Calcium chloride brine from an insecticide process, and sulphuric acid waste; one was used to neutralize acidic wastes with limestone. Wastes also from Helena Chemical off-site location up to 1976; no specifics available. Ponds were closed in 1978 with a clay-bentonite cap (page 25). Table 3.1 lists 74 SWMUs (pages 43-46). Has additional reports in App. D (starting on page 157).	4/10/1992	1970-4/15/1992	337			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1993-12-16 Technical Memorandum.pdf	Technical Memorandum (subject: Investigation Summary and Analytic Results) prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc. and submitted to the ADPC&E; report is procedural with analytic data.	N	No relevant information.	#####		288			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1994-06-21 Phase II Facility Investigation WP.pdf	Revised Phase II Facility Investigation Work Plan submitted to ADEQ by Environmental and Safety Designs, Inc. on behalf of Cedar Chemical Corporation to address ADEQ comments. Objectives of Phase II are to determine extent of COCs identified in FI.	N	No relevant information.	6/21/1994		83			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1996-06-28 Ensaf FI Report Volume I.pdf	Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Only waste propionic acid, sodium hypochlorite scrubber liquor treated on-site "to remove corrosivity." Pre Cedar Chemical ownership, onsite disposal included waste water into unlined ponds from site and off-site activities, including propionic acid wastes, dichloroaniline, calcium chloride, sulfuric acid; ponds "closed" in 1978 also 3 drum disposal areas (pages 16-18). GWG S-SW - consistent between measurements but not similar to 1993 report (page 167). Conclusions (page 220-225) describes the "sites" w/in the Site. No index map showing locations of the 9 "sites."	6/28/1996		225			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1996-06-28 Ensaf FI Report Volume II.pdf	Facility Investigation Volume II, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc. Includes borehole logs, validated analytic data tables.	N	No relevant information.	6/28/1996		554			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1999-10-08 Ensaf Risk Assessment Volume I.pdf	Risk Assessment Volume I, prepared by EnSafe, Inc. on behalf of Cedar Chemical Corporation, includes report text with supporting figures and tables.	N	No relevant information.	10/8/1999		89			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1999-10-08 Ensaf Risk Assessment Volume II.pdf	Risk Assessment Volume II (Apps A - G), prepared by EnSafe, Inc. on behalf of Cedar Chemical Corporation	N	No relevant information.	9/23/1999		629			

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2002-01-22 Ensaf Risk Assessment Addendum.pdf	Risk Assessment Addendum, prepared by EnSafe, Inc. on behalf of Cedar Chemical Corporation to include groundwater data collected from off-site water wells down gradient of the site in order to assess risk to agricultural workers.	N	No relevant information.	1/22/2002		45			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (1 of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Onsite soil profile includes thicknesses and soil types to explain movement of groundwater, lateral vs. vertical transmissivity (page 15); local hydro- geology describes on-site aquifers (page 17); brief process descriptions (page 19); quarterly GW monitoring started in 1988 (page 21); one disposal pond, Site 9, was where "off spec dinoseb" was disposed of (page 31); one or ore perched aquifers beneath surface impoundments; change size/shape based on surface water; contaminated from soil; alluvial aquifer show contamination beyond site boundaries (pages 41-42); existing waste areas: drum vault, dinoseb pond, surface impoundments (page 49). historical go and soils data from 1994 w/ exceedence shaded, per appropriate Region 6 MSSL (tables p. 53-177); ,	#####	12/20/1994-11/16/2007	194			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures include map and two cross-sections, and distribution of 5 COCs in perched and/or alluvial aquifers.	#####		12			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four COCs.	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four additional COCs.	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	#####		217			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		1985 Dioxin Memo.pdf	Ecology and Environment, Inc. Memo reporting collection and analysis of 43 samples on the site for analysis for dioxin. Analytic results showed no dioxin present in any of the samples.	N	No relevant information.	2/12/1985		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		1988-07-19 Hydrogeologic Study.pdf	Hydrogeologic Study of the site by Grubbs, Garner & Hoskyn, Inc. for Cedar Chemical Corporation	Y	Focus is on alluvial aquifer, approximately 25-42 ft BGS. Transmissivity varies but generally higher than overlying tighter soils. Gradient very shallow and generally to south=west	7/19/1988		52			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		4Q005SZG.pdf	Facility Investigation preliminary Report - Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1992-04-15 Preliminary Facility Investigation Report.pdf	N	Duplicate			337			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		A0006LN0.pdf	Submittal of Feasibility Study Report, revised by EnSafe, to ADPC&E to address agency questions on behalf of Cedar Chemical Company (report twice as long as earlier version, because back sides of pages scanned.)	Y	Comments limited to new sections; App A Memo (dated 08/26/1992) re historical site operations based on testimony of former employees; in 07/19/1972 Ansil converted propanil facility to manufacture dinoseb; drum burial pits constructed 12/1992; inventory of chemicals on site as of 11/14/1972 attached.	9/15/1992		711			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Y	Per 37 wells completed in either perched or alluvial aquifer, groundwater gradient (GWG) in the perched aquifer showed a radial pattern to the south and west with a variable gradient; GWG in the alluvial aquifer was to east-southeast and consistently at a very shallow gradient..	8/7/2007		29			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-11-16 --- Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (1 of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/2007-11-16 --- Current Conditions Report (1 of 4).pdf	#####		194			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-11-16 --- Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/2007-11-16 --- Current Conditions Report (1 of 4) (Figures 2 - 14).pdf	#####		12			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-11-16 --- Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/2007-11-16 --- Current Conditions Report (1 of 4) (Figures 16 - 19).pdf	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-11-16 --- Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	N	See path to Duplicate: ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/2007-11-16 --- Current Conditions Report (1 of 4) (Figures 20 - 24).pdf	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-01-18 Facility Investigation Workplan (FI WP).pdf	Submittal of Facility Investigation Work Plan by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	1/18/2008		935			

ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-03-20 FI Work Plan (1 of 3).pdf	Submittal of Final Facility Investigation Work Plan (1 of 3) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		33			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-03-20 FI Work Plan (2 of 3) HASP 2008.pdf	Submittal of Final Facility Investigation Work Plan (2 of 3 - Health and Safety Plan) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		235			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-03-20 FI Work Plan (3 of 3) QAPP .pdf	Submittal of Final Facility Investigation Work Plan (3 of 3 - Quality Assurance Project Plan) by Geomatrix to the ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company	N	No relevant information.	3/20/2008		854			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-05-27 ----- Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Supplement to Final Facility Investigation Work Plan - Figure 1	N	No relevant information.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-05-27 ----- Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Supplement to Final Facility Investigation Work Plan - Figure 2	N	No relevant information.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-05-27 ----- Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Supplement to Final Facility Investigation Work Plan - Figure 3	N	No relevant information.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-05-27 ----- Supplement to FI WP (Figure 4 Well Construction Detail).pdf	Supplement to Final Facility Investigation Work Plan - Figure 4	N	No relevant information.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2008-05-27 ----- Supplement to FI WP.pdf	Submittal of Supplement to Final Facility Investigation Work Plan - Monitoring Well Installation Program	N	No relevant information.	2/27/2008		3			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-01-22 AECOM Site Investigation Work Plan.pdf	Wormald Site Investigation Work Plan for site prepared by AECOM under Separate Agreement between Wormald (NKA Ansul) and ADEQ.	N	Duplicate at ADEQ1/Ansul, Tyco, Wormald/2009-01-22 Site Investigation Work Plan.pdf	1/22/2009		65			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. by AMEC.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-02-24 AMEC Facility Investigation Report.pdf	2/24/2009	11/16/2007-11/07/2008	351			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-03-30 AECOM SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009	03/0/2009-29/2009	88			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-08-11 AMEC Feasibility Study Report.pdf	AMEC's submittal of Feasibility Study Report to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	N	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-08-11 Feasibility Study Report.pdf	8/11/2009		155			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		1996-06-28 Ensaf FI Report Volume I.pdf	Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensaf FI Report Volume I.pdf	6/28/1996		225			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		1996-06-28 Ensaf FI Report Volume II.pdf	Facility Investigation Volume II, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc. Includes borehole logs, validated analytic data tables.	N	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensaf FI Report Volume II.pdf	6/28/1996		554			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2001-03-21 Ensaf Risk Assessment.pdf	Risk Assessment Report, prepared for Cedar Chemical Corporation by EnSafe, Inc.	Y	Written while site operating. Manufactures various agricultural chemicals by batch processing; combination of chemical manufacture (e.g., propanil) + custom chemicals for client (none specified); 6 production units (page 23). "Chemicals of potential concern (COPC)" identified in surface and sub-surface soil and/or sediment at 7 of 8 sites (table pages 48-49). COPC in groundwater above screening levels at 6 of 8 sites (table page 50).	3/21/2001		328			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2003-11-15 EPA Removal Action Report.pdf	Removal Report, prepared for Cedar Chemical Corporation by Weston Solutions, Inc. for submittal to the Environmental Protection Agency	Y	Project objectives included characterization of chemical wastes at the site; inventory in Appendix D not included; source of Manifest Summary table (pages 14-22).	#####	7/16/2003-11/15/2003	23			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2004-04 ADEQ Comprehensive Site Assessment.pdf	(Revised) Comprehensive Site Assessment prepared for ADEQ Brownfields Program		Report prepared to inform potential future owners/ operators. Site controlled by ADEQ since 10/18/2002. Chemicals produced (historically) listed by production unit number; no process information included (pages 15-16). List of hazardous materials/wastes removed in 2003 included (page 16).	4/00/2004		42			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between ADEQ and Ansul, Helena chemical, ExxonMobil Chemical	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	3/22/2007		16			

ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-05-03 Document Request by Trip/2007-08-07 Well Assessment Report.pdf	8/7/2007		29			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3 prepared by AECOM on behalf of Tyco Safety Product with emphasis on dinoseb.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	#####		217			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		Wormald Separate Agreement.pdf	Wormald U.S., Inc. NKA Ansul Incorporated, one of the parties to the 03/22/2007 CAO, executed a Separate Agreement with the ADEQ to prepare a Site Investigation Work Plan (SIWP), a Site Investigation Report, and a Feasibility Study, to fill in data gaps not covered in earlier investigations.	N	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-01-09 CAO LIS No. 07-027 (Wormald Separate Agreement).pdf	1/9/2009		5			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		ADEQ Selected Remedies Figure.pdf	Figure titled Remedies Selected by ADEQ without reference to source or author	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 2 - the site with buildings labeled.pdf	Figure 2 titled Facility Structure Location without reference to source or author	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 2 - the site with buildings labeled.tif	Figure 2 titled Facility Structure Location without reference to source or author; in tiff format, rather than pdf.	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 4 - demolition of most structures.pdf	Figure 4 titled Demolition of On-Site Structures without reference to source or author	N	No relevant information.	#####		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 4 - revised - demolition of selected structures.pdf	Revised Figure 4 titled Demolition of On-Site Structures without reference to source or author	N	No relevant information.	#####		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 5 - Soil Stabilization Alternatives.pdf	Figure 5 titled Soil Remedy Alternatives S2b and S2c - Focused Approach without reference to source or author	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 6 - SVE Alternatives.pdf	Figure 6 titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach without reference to source or author	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figure 7 - exposure controls.pdf	Figure 7 titled Soil Remedy Alternative S1 - Exposure Control	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	Figures		Figures 1 & 3.pdf	Figure 1 Site Location Map taken from EnSafe, Phase II Investigation Report, 1995 and Figure 3 SWMUs and AOCs Identified in USEPA Region 6 PR/VS1, taken from EnSafe 1903 FI Report	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		2009-07-17 cd cover for administrative record.std	Unable to open.	N	No relevant information.	Undated		NA			
ADEQ1	ADEQ and EPA Documents	RADD	misc		2009-07-17 Cover Letter to Phillips County Library.doc	letter from ADEQ to Phillips County Library conveying a CD with Cedar Chemical site materials for public review	N	No relevant information.	7/17/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		2009-07-17 Routing Slip revised 2009.doc	ADEQ Hazardous waste Routing Slip documenting transfer of Administrative Record for Cedar Chemical site to Phillips Co. Library	N	No relevant information.	7/17/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		2009-10-05 Routing Slip revised 2009 .doc	ADEQ Hazardous Waste Routing Slip "Request Steve to Remobilize"	N	No relevant information.	10/5/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Copy of Table 1.xls	Table 1 - Evaluation of Soil Remedy Alternatives for SWMU-59, SWMU-69, SWMU-70, SWMU-71, SWMU-73, AOC-1	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		cover page.doc	Cover Page to Remedial Action Decision Document	N	No relevant information.	04/00/2010		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		DDP \$ estimate - excavation.xls	Soil Remedy Alternative: Excavation; 2 spreadsheets "RADD" and "Original"	N	No relevant information.	Undated		3			
ADEQ1	ADEQ and EPA Documents	RADD	misc		DDP \$ estimate - in situ stabilization.xls	Soil Remedy Alternative: In Situ Stabilization; 2 spreadsheets "RADD" and "Original"	N	No relevant information.	Undated		3			
ADEQ1	ADEQ and EPA Documents	RADD	misc		DRUM VAULT.doc	Drum Vault; Remedy Selection (appears to be an excerpt)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Fact Sheet.doc	ADEQ Fact Sheet for Cedar Chemical (draft)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure 10b - SVE remedies S4b and S4c (big paper).pdf	Figure XX titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach; very similar to Figure 6 titled Soil Remedy Alternatives S4b and S4c - Soil Vapor Extraction Focused Approach without reference to source or author	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - former dinoseb disposal ponds Soil stabilization area and attached areas.pdf	Figure XX Area near Former Dinoseb Disposal Ponds Identified for Remediation	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - former dinoseb disposal ponds.pdf	Figure XX Former Dinoseb Disposal Area; cited in AMEC Current Conditions Report	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - Unit 6 - VOCs in perched groundwater.pdf	Figure 5 Constituents of Concern above Vapor Intrusion-Based Risk Screening Levels in Perched Zone Groundwater by AMEC Geomatrix	N	No relevant information.	7/25/2009		1			

ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - Unit 6 area to be addressed.pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix; figure legend incomplete & title may not be accurate; not the same Figure 2 as below	N	No relevant information.	7/25/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - Unit 6 sve system map.pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix; figure legend incomplete & title may not be accurate; not the same Figure 2 as above	N	No relevant information.	7/25/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure - Units 2, 3, and 4 by rr tracks.pdf	Figure XX: Units 2, 3, and 4 with areas identified with red outlines to address remediation	N	No relevant information.	7/25/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure 1 - SWMUs and AOCs.pdf	Draft Figure XXX SWMUs and AOCs Identified in USEPA Region 6 PR/VSJ, taken from EnSafe 1903 FI Report; similar to Figure 3 SWMUs and AOCs Identified in USEPA Region 6 PR/VSJ; possible final version.	N	No relevant information.	7/25/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figure 2 - Baseline map (big paper).pdf	Figure 2 Facility Structure Locations by AMEC Geomatrix	N	No relevant information.	7/25/2009		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		figure 8b - Stabilizin remedies S2b and S2c.pdf	Draft Figure XX titled Soil Remedy Alternatives S2b and S2c - Focused Approach without reference to source or author; later version (possibly final) is titled Figure 5.	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Figures from AMEC Feasibility Study.pdf	22 Figures; appear complete with titles and legends, but most have Figure number as "XX" and few have either a date or author.	N	No relevant information.	#####		22			
ADEQ1	ADEQ and EPA Documents	RADD	misc		former dinoseb disposal Ponds.doc	Incomplete draft of discussion of treatment of Area in Proximity to former Dinoseb Disposal Ponds	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		on-site soils revision 01.doc	Revised discussion of treatment of On-Site Soils	N	No relevant information.	Undated		10			
ADEQ1	ADEQ and EPA Documents	RADD	misc		on-site soils.doc	Incomplete draft of discussion of treatment of On-Site Soils	N	No relevant information.	Undated		6			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Reference Page.doc	References (to unnamed document)	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Soil stabilization areas.pdf	Map of Soil Stabilization Areas by AMEC; has complete title and legend, but no figure number	N	No relevant information.	#####		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		sve pic.bmp	Map of a portion of the site; no date, title, or legend	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		table 1.pdf	Table 1: Preliminary Estimate of Design and Implementation Costs for Remedy Alternatives (from Feasibility Study Report)	N	No relevant information.	#####		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Table 1.xls	Incomplete version of Table 1: Preliminary Estimate of Design and Implementation Costs for Remedy Alternatives (from Feasibility Study Report)	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Tables from R&P.xls	Appendix 1: Evaluation of AOCs & Remedial Action Selection plus 5 draft tables labeled 1, 2.1, 3	N	No relevant information.	Undated		5			
ADEQ1	ADEQ and EPA Documents	RADD	misc		tables in word.doc	Tables 4A, 4B, AC, AE, AF, and 4G: Evaluation of Remedy Alternatives for various media and site sub-areas; no date, author, or related document listed.	N	No relevant information.	Undated		6			
ADEQ1	ADEQ and EPA Documents	RADD	misc		template for RADD.doc	One-page list of topics to be covered in a RADD report	N	No relevant information.	Undated		1			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Unit 6 \$ estimate - excavation.xls	Excel version of detailed cost estimate for Excavation as a soil remedy for Unit 6; spreadsheet does not reference Unit 6, but cited in file title.	N	No relevant information.	Undated		3			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Unit 6 \$ estimate - in situ stabilization.xls	Excel version of detailed cost estimate for In Situ Stabilization as a soil remedy for Unit 6; spreadsheet does not reference Unit 6, but cited in file title.	N	No relevant information.	Undated		2			
ADEQ1	ADEQ and EPA Documents	RADD	misc		unit 6.doc	Draft section , possibly of a Feasibility Study report, to consider alternative remedies for Unit 6; no date, author.	N	No relevant information.	Undated		5			
ADEQ1	ADEQ and EPA Documents	RADD	misc		Unit's 2,3 & 4.doc	Draft section , possibly of a Feasibility Study report, to consider alternative remedies for Units 2, 3, and 4; no date, author.	N	No relevant information.	Undated		5			
ADEQ1	ADEQ and EPA Documents	RADD	Miscellaneous		2010-03-xx Memo - RADD response to comments.doc	Draft internal ADEQ memorandum with list of respondents that submitted public comments to the draft RADD and the agency's responses, including specific changes to RADD text. Actual comments received are not cited.	N	No relevant information.	03/00/2010		4			
ADEQ1	ADEQ and EPA Documents	RADD	Miscellaneous		2010-04-12 RADD Response to Comments.doc	Draft (in track changes mode) Response to Comments on the RADD and its proposed remedy, including the ADEQ's "final decision." Includes full Comments, as submitted by six parties and agency responses. History of RADD report production, including required legal notes and comments period, also summarized. Comments include some discussion of specific COCs, but not specific process or chemical information.	N	No relevant information.	Undated		25			

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Source	Folder	Subfolder_1	Subfolder_2	Subfolder_3	Document name	General Document Description	Relevant (Y/N)	Description of Relevance	Date	Date Range	Page Count
ADEQ 2	Ensafe Documents				1987-09-25 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical Company and AK Dept. of Pollution Control & Ecology (DPCE) primarily regarding permitting.	Y	pp 51-59 and pp 64-77: permit transfers from Vertac to Cedar Chemical identify customers, end products and volume/year; pp 8-43 and pp 99-135: 1984 and 1985 Environmental Summary forms by month; RCRA inspections; pp 213-217: groundwater monitoring lab analysis; pp. 257-422: removal action work plan for drums and soil removal.	9/25/1987	5/25/1983 - 10/30/1991	422
ADEQ 2	Ensafe Documents				1988 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	pp 2-20: site soil sampling report and analysis; pp 42-57: 1987 Hazardous Waste report, includes waste generate; pp173-196: description of processes and generated waste since 1980; RCRA inspections; pp 302-324: Environmental Reports (daily) for various dates; pp 333-344 1985 Biennial Hazardous Waste Report; pp 394-403: Annual Hazardous Waste Report; pp 405-428: Permit Application includes customer names and products.	Various	7/2/1981 - 8/15/1988	439
ADEQ 2	Ensafe Documents				1990 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	p. 6: sampling data; pp 96-101: RCRA inspection; pp 102-103: correspondence concerning buried drums. Testing found propanil, a COC; p 110: memo re: soil sampling results, lists VOCs found; pp 119 -137: Ecology & Environment soils sampling report, lists contaminants found; pp 157-177: RCRA Inspection Report; pp 178-183: groundwater sampling results, includes COCs; pp 227-231 groundwater sampling results; pp 235-246: groundwater sampling results. pp 275-280: Generator Activity Report, includes waste descriptions, including COCs; pp 327: groundwater sampling results, includes COCs; pp 333-335: letter regarding tank rupture and resulting fire on site; pp 344-351: RCRA Inspection Report; p 367: soil sampling results.	Various	8/23/1988 - 8/27/1990	393
ADEQ 2	Ensafe Documents				1990 report about vertac stuff.pdf	Process descriptions and diagrams, MSDSs, and sampling reports.	Y	pp 2-34 report on Permethrin. pp 69-81: list of chemicals used by Cedar Chemical. p 111: groundwater sampling results, includes COCs. pp 123-125: MSDS for Aromasol, which contains Isomeric Trimethyl Benzene, a COC. p 141-157: process descriptions and diagrams for products, which contain COCs. p 219: list of pesticides and herbicides. pp 221-232: process description and diagrams for Propanil herbicide. pp 280-283: process description and diagram for Permethrin, which contains COCs. pp 312-338 soil sampling report and results.	Various	9/29/1981 - 12/7/1989	339
ADEQ 2	Ensafe Documents				1990-04-15 Removal Action WP.pdf	Removal Action Work Plan by Woodward-Clyde Consultants	N	No relevant information	4/15/1990	4/15/1990	62
ADEQ 2	Ensafe Documents				1990-05-15 Site Characterization and Drum Disposal Area Delineation WP.pdf	Site Characterization and Drum Disposal Area Delineation Work Plan by Woodward-Clyde Consultants	N	No relevant information	5/15/1990	5/15/1990	100

ADEQ 2	Ensafe Documents				1990-06-15 Site Characterization WP.pdf	Site Characterization Work Plan by Woodward-Clyde Consultants	N	No relevant information	6/15/1990	6/15/1990	94
ADEQ 2	Ensafe Documents				1991-10-15 Ensaf Facility Investigation Preliminary Report .pdf	Facility Investigation Preliminary Report by Environmental & Safety Designx, Inc. (EnSafe)	Y	pp 135-142: Inorganic and Organic Soil Analysis Summaries; pp 149-151: Concentrations of Contaminants in Soil; pp 168-169: Monitoring Well Analysis Report.	10/15/1991	10/15/1991	169
ADEQ 2	Ensafe Documents				1992-04-05 Lab Data on Pits 1 & 2 (includes Appendices A & D).pdf	Lab Analysis Reports	Y	pp 3-93 lab analysis reports, which include COCs; pp 94-118: Report of Remedial Action Activities, Phase II Removal of Additional Buried Drums and Contaminated Soil.	4/5/1992	3/1/1992 - 4/24/1992	118
ADEQ 2	Ensafe Documents				1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report by EnSafe	Y	pp 17-22: process descriptions, include process streams and waste streams that contain COCs; pp 42-52: waste analytical data, includes COCs; pp159-176: soil sampling results memorandum, includes COCs; pp 179-307 Surface Impoundment Sampling and Analysis Report, includes COCs; pp 318-337: groundwater data, includes COCs.	4/15/1992	4/15/1992	337
ADEQ 2	Ensafe Documents				1993 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	p 11: list of violations from 11/90 to 5/92; pp193-221: 1991 Annual Hazardous Waste Form, contains COCs; pp 256-258: Dinoseb hazardous waste manifests; pp 287-288: Notification of Hazardous Waste Activity form, includes waste codes without descriptions; pp 301-302: Dinoseb hazardous waste manifests; pp 383-392: Consent Administrative Order.	Various	9/10/1990 - 6/1/1993	411
ADEQ 2	Ensafe Documents				1993-04-26 Submittal for Stormwater retention basin.pdf	Storm Water System Plan	N	No relevant information	4/26/1993	4/26/1993	65
ADEQ 2	Ensafe Documents				1993-06-01 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	This is a duplicate scan of the file "1993 Correspondence." The page count is different because in this version some pages were scanned double-sided (the second page is blank).	6/1/1993	9/10/1990 - 6/1/1993	526
ADEQ 2	Ensafe Documents				1993-11-15 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	pp 14-23: PDCB analysis; p 138: sampling analysis results, includes COSs; p 157:Products Believed to Be Produced in Commercial Quantities at West Helena Site from 1970-1986, includes COCs; pp 159 -161: DPCE memorandum concerning process methods and contamination at the facility.	11/15/1993		210
ADEQ 2	Ensafe Documents				1993-12-16 Technical Memorandum.pdf,	Technical Memorandum Prepared by EnSafe	Y	Technical Memorandum prepared by Environmental and Safety Designs, Inc., Subject: Investigation Summary and Analytical Results.	12/16/1993	12/16/1993	288
ADEQ 2	Ensafe Documents				1994-06-21 Phase II Facility Investigation WP.pdf	Phase II Facility Investigation Work Plan Prepared by EnSafe	Y	The Work Plan discusses results of the Phase I Investigation throughout.	6/21/1994	6/21/1994	83
ADEQ 2	Ensafe Documents				1996-06-28 Ensaf FI Report Volume I.pdf	Facility Investigation Report Volume I Prepared by EnSafe	Y	Report includes results of soil and water sampling analysis; pp 89-159: Phase I and Phase II soil and sediment data; pp161-218: Phase I and Phase II groundwater data; pp 220-225: conclusions.	6/28/1996	6/28/1996	225
ADEQ 2	Ensafe Documents				1996-06-28 Ensaf FI Report Volume II.pdf	Facility Investigation Report Volume II Prepared by EnSafe	Y	pp 173-553: Phase I, Phase II and Phase III sampling data by COC	6/28/1996	6/28/1996	554
ADEQ 2	Ensafe Documents				1996-07-01 risk assessment workplan.pdf	Risk Assessment Work Plan prepared by EnSafe	N	No relevant information	7/1/1996	7/1/1996	55
ADEQ 2	Ensafe Documents				1996-07-06 quarterly gw monitoring report.pdf	Quarterly Groundwater Monitoring Report prepared by EnSafe	Y	p 20: Baseline Groundwater Sampling Results, includes COCs; pp 24-39: analytical data, includes COCs	7/6/1996	7/6/1996	39

ADEQ 2	Ensafe Documents				1998-05-11 Letter to ADEQ - Plan of action for submittals.pdf	Letter from EnSafe to DCPE enclosing an Interim Measure Plan of Action and a Risk Assessment Work Plan	N	No relevant information	5/11/1998	5/11/1998	26
ADEQ 2	Ensafe Documents				1998-10-23 Risk Assessment WP Revision 2.pdf	Risk Assessment Work Plan, Version 2, prepared by EnSafe	N	No relevant information	10/23/1998	10/23/1998	101
ADEQ 2	Ensafe Documents				1999-10-08 Ensaf Risk Assessment Volume I.pdf	Risk Assessment Vol I, Prepared by EnSafe	Y	pp 13-14: COCs listed by site by media; pp 40-41 COCs and site locations for soil and sediment; p 64: COC by site and media; pp 79-80: ditch sediment COC concentrations.	10/8/1999	10/8/1999	89
ADEQ 2	Ensafe Documents				1999-10-08 Ensaf Risk Assessment Volume II.pdf	Risk Assessment Vol II, Prepared by EnSafe	Y	pp 5-40: tables showing concentrations and locations of COCs; pp 64-65: non-cancer toxicity data; pp 66-67: cancer toxicity data; pp172-440: Phase I, Phase II, and Phase III surface and subsurface soil and sediment sampling data; pp 441-540: Phase I, Phase II and Phase III groundwater sampling data.	10/8/1999	10/8/1999	629
ADEQ 2	Ensafe Documents				2000-08-15 Response to NODs and Ensaf Risk Assessment.pdf	Risk Assessment, Revision 1, Prepared by EnSafe and Cedar Chemical's responses to Notice of Deficiencies	Y	pp 19-20: COCs identified for soil and sediment; p 24: COCs by site and media; p 54: COCs by site and media; pp 55-56: COCs exceeding site-specific soil screening levels; pp 85-86: COCs by site and media; pp 101-102: ditch sediment concentrations.	8/15/2000	8/15/2000	115
ADEQ 2	Ensafe Documents				2001-03-21 Ensaf Risk Assessment.pdf	Risk Assessment, Revision 2, prepared by EnSafe	Y	pp 9-10: COCs identified in soil/sediment and groundwater; p 15: COCs by site and media; pp 40-41: COCs found in soil/sediment and groundwater; p 42: COC concentrations exceeding site-specific soil screening levels; pp 72: COCs by site and media; pp 90-91: ditch sediment concentrations; pp 105-106: summary of maximum contaminant levels; pp 107-108: site-specific soil screening levels; p 109: background concentration calculation for inorganic compounds; pp 110-129: occurrence distribution and selection of COCs; pp 130-143: medium-specific exposure point concentration summary; p 144: estimated air concentrations from irrigated water; pp 146-154: reasonable maximum exposure of COCs; pp 157-167: pathway-specific intake factors for COCs; pp 168-174: non-cancer toxicity data for COCs; pp 175-181: cancer toxicity data for COCs; pp 182-249: calculations for non-cancer and cancer risks reasonable maximum exposure; pp 250-270: calculation of non-cancer and cancer risks central tendency exposure; pp 271-277: remedial goal options; pp 280-295: central tendency intake factor calculations; pp 298- : construction worker risk	3/21/2001	3/21/2001	320
ADEQ 2	Ensafe Documents				2001-06-07 GW monitoring report.pdf	Groundwater Monitoring Report prepared by EnSafe	Y	pp 15-17: groundwater sampling results, hits only; p 19: comparison of 1,2 dichloroethane concentrations from July 1997 and April 2001; pp 22-50: groundwater monitoring analytical data.	6/7/2001	6/7/2001	50

ADEQ 2	Ensafe Documents				2001-09-21 GW Monitoring Report.pdf	Groundwater Monitoring Report prepared by EnSafe	Y	pp 17-18: static water elevations and organic vapor concentrations table; pp 25-28: groundwater sampling results, hits only; p 30: comparison of 1,2 dichloroethane concentrations from July 1997, April 2001 and July 2001; pp 34-65: groundwater monitoring analytical data.	9/21/2001	9/21/2001	65
ADEQ 2	Ensafe Documents				2002-01-22 Ensaf Risk Assessment Addendum.pdf	Draft Risk Assessment Addendum prepared by EnSafe	Y	pp 22-25: analytical data; p 27: occurrence, distribution and selection of COCs; p 29: inhalation-specific intake factor; pp 30-31: non-cancer and cancer toxicity data; pp 32-37 non-cancer and cancer risk reasonable maximum exposure; p 38: remedial goal options; pp 40-45: air concentration calculations.	1/22/2002	1/22/2002	45
ADEQ 2	Ensafe Documents				2007-08-07 Well Assessment Report.pdf	Coverletter and Well Assessment Report prepared by EnSafe	N	No relevant information	8/7/2007	8/7/2007	29
ADEQ 2	Ensafe Documents				maps for when it was vertac.pdf	Site maps and diagrams prepared by Cline-Frazier	N	No relevant information	Various	3/1978 - 6/6/1984	7
ADEQ 2	Miscellaneous				2010-03-21 News Article.pdf	Arkansas Democrat Gazette news article	N	No relevant information	3/21/2010	3/21/2010	2
ADEQ 2	Miscellaneous				2010-12-06 Document Request.doc	List of documents	N	No relevant information	12/6/2010	12/6/2010	1
ADEQ 2	Miscellaneous				Drum Vault Schematic.PDF	Drum vault schematic	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous				Operational History-miscellaneous.doc	Operational History	Y	Provides historical information regarding pesticide production and other operations at the site, including owners and operators, from 1970 to July 2006	Undated	Undated	7
ADEQ 2	Miscellaneous	mississippi alluvial aquifer map			Mississippi River Valley alluvial aquifer.mht	USGS Map of Mississippi River Valley Alluvial Aquifer	N	No relevant information. Document links to the USGS website	Undated	Undated	1
ADEQ 2	Miscellaneous	mississippi alluvial aquifer map			Point Coverage SCASMP L Sediment sample data for the Channel Islands and Santa Barbara Channel Region.mht	Point Coverage SCASMP L: Sediment sample data for the Channel Islands and Santa Barbara Channel Region - Frequently Asked Questions	N	No relevant information. Document links to website	2/16/2005	2/16/2005	1
ADEQ 2	Miscellaneous	Contracts			2003-06-24 Appraisal of Equipment.pdf	Machinery and Equipment Appraisal prepared by Sencer Appraisal Associates	N	No relevant information	6/24/2003	6/24/2003	70
ADEQ 2	Miscellaneous	Contracts			2003-06-24 Phillip D. Bryant & Associates Brochure.pdf	Brochure for appraisal company, Phillip D. Bryant & Associates	N	No relevant information	6/24/2003	6/24/2003	2
ADEQ 2	Miscellaneous	Contracts			2005-11-18 pics from clarks site visit.doc	Site photos	N	No relevant information	11/18/2005	11/18/2005	13
ADEQ 2	Miscellaneous	Contracts			2009-10-07 My conversation with Marketing and Redistribution.doc	Notes regarding process for auctioning equipment	N	No relevant information	10/7/2009	10/7/2009	2
ADEQ 2	Miscellaneous	Contracts			2010-05-06 letter to electric co. - notice of transfer of services.doc	Letter from ADEQ to Woodruff Electric Cooperative Corporation, RE: Notice of Transfer of Billing	N	No relevant information	5/6/2010	5/6/2010	1
ADEQ 2	Miscellaneous	Contracts			2010-05-06 letter to trash co. - notice of transfer.doc	Letter from ADEQ to WCA Waste Corporation, RE: Notice of Transfer of Billing	N	No relevant information	5/6/2010	5/6/2010	1
ADEQ 2	Miscellaneous	Contracts			2010-05-06 letter to water co. - notice of transfer.doc	Letter from ADEQ to Helena Municipal Water, RE: Notice of Transfer of Billing	N	No relevant information	5/6/2010	5/6/2010	1

ADEQ 2	Miscellaneous	Contracts			2010-05-07 Letter to Helena Municipal Water - transfer of billing.pdf	Letter from ADEQ to Helena Municipal Water, RE: Notice of Transfer of Billing	N	This is a duplicate scanned copy of the MS Word document "2010-05-06 letter to water co. - notice of transfer"	5/7/2010	5/7/2010	1
ADEQ 2	Miscellaneous	Contracts			2010-05-07 Letter to WCA Waste Corp - Transfer of Billing.pdf	Letter from ADEQ to WCA Waste Corporation, RE: Notice of Transfer of Billing	N	This is a duplicate scanned copy of the MS Word document "2010-05-06 letter to trash co. - notice of transfer"	5/7/2010	5/7/2010	1
ADEQ 2	Miscellaneous	Contracts			CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM.doc	Contract and Grant Disclosure and Certification Form	N	No relevant information. Form is blank	Undated	Undated	2
ADEQ 2	Miscellaneous	Contracts			Routing Slip for notification of transfer.doc	ADEQ Hazardous Waste Division Routing Slip for notification lettyers to water, electric and trash co	N	No relevant information. Form is not completed.	5/6/2010	5/6/2010	1
ADEQ 2	Miscellaneous	Contracts	Flow Meter		2009-01-07 ADEQ Fax - approval of quote.pdf	ADEQ Purchase Order to Instrument & Supply, Inc.	N	No relevant information	1/7/2010	1/7/2010	2
ADEQ 2	Miscellaneous	Contracts	Flow Meter		2009-12-18 Cedar Calibration Quote.doc	Quote from Instrument & Supply Inc to Cedar Chemical Corporation for calibration services	N	No relevant information	12/18/2009	12/18/2009	1
ADEQ 2	Miscellaneous	Contracts	Flow Meter		2009-12-22 Internal Memo.doc	ADEQ Memorandum; Subject: Cedar Flow Meter Calibration	N	No relevant information	12/22/2009	12/22/2009	1
ADEQ 2	Miscellaneous	Contracts	Flow Meter		2009-12-22 PR (form revised on 1-21-2008).xls	Purchase Request form for Instrument & Supply, Inc. for calibration services	N	No relevant information	12/22/2009	12/22/2009	1
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2007-03-07 Gary Hill Contract Extension.pdf	ADEQ letter to Gary Hill regarding expiration and extension of current contract	N	No relevant information	3/7/2007	3/7/2007	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2007-05-10 Cedar Operator Protocol.doc	Protocol for the Operation of the Wastewater Treatment Plant	N	No relevant information	5/10/2007	5/10/2007	3
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2007-05-10 CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM.doc	Contract and Grant Disclosure and Certification Form	N	This is a duplicate of "CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM"	5/10/2007	5/10/2007	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2007-05-15 Gary Hill PR 2008.xls	Purchase Request form for Gary Hill for wastewater removal	N	No relevant information	5/15/2007	5/15/2007	1
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2008-03-05 Memo to State Procurment - Gary Hill extension FY09.doc	Memo from ADEQ to Arkansas Dept. of Finance & Administration; Subject: Sole Source Contract	N	No relevant information	3/5/2008	3/5/2008	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2008-04-09 Gary Hill PR040907.xls	Purchase Request form for Gary Hill for wastewater removal	N	No relevant information	4/9/2008	4/9/2008	1
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2008-04-23 Letter to Gary Hill - Contract Extension Request FY09.doc	ADEQ letter to Gary Hill regarding expiration and extension of current contract	N	No relevant information	4/23/2008	4/23/2008	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2008-05-05 Memo to State Procurement - Gary Hill Contract Extension FY09.doc	Memo from ADEQ to Arkansas Dept. of Finance & Administration; Subject: Sole Source Contract	N	This is a duplicate of "2008-03-05 Memo to State Procurment - Gary Hill extension FY09"	5/5/2008	5/5/2008	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2008-05-08 Letter to State Procurement - sole source justification.doc	Letter from ADEQ to Arkansas Dept. of Finance & Administration Re: Sole Source Procurement for Gary Hill	N	No relevant information	5/8/2008	5/8/2008	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2009-05-05 Gary Hill PR 2009.xls	Purchase Request form for Gary Hill for wastewater removal	N	No relevant information	5/5/2009	5/5/2009	1

ADEQ 2	Miscellaneous	Contracts	Gary Hill		2009-05-08 sole source justification.doc	Letter from ADEQ to Arkansas Dept. of Finance & Administration Re: Sole Source Procurement for Gary Hill	N	This is a duplicate of "2008-05-08 Letter to State Procurement - sole source justification"	5/8/2009	5/8/2009	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2009-05-27 Purchase order.pdf	Sole source purchase agreement documents for Gary Hill	N	No relevant information	5/27/2009	5/12/2009 - 6/5/2009	8
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2009-06-03 Contract Extension request FY10.doc	ADEQ letter to Gary Hill regarding expiration and extension of current contract	N	No relevant information	6/3/2010	6/3/2010	2
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2009-06-03 Contract Extension Request.pdf	ADEQ letter to Gary Hill regarding expiration and extension of current contract	N	This is the signed duplicate of "2009-06-03 Contract Extension request FY10" with a routing slip attached	6/3/2010	6/3/2010	3
ADEQ 2	Miscellaneous	Contracts	Gary Hill		2010-05-04 letter to gh - request for renewal.doc	ADEQ letter to Gary Hill regarding cost increases to contract	N	No relevant information	5/4/2010	5/4/2010	2
ADEQ 2	Miscellaneous	Contracts	Melanies folder		2008-08-09 Letter to Broadway Protection Services - Parties authorized on-site at Cedar Chemical.pdf	ADEQ letter to Broadway Protection Services Re: Parties Authorized Onsite at Cedar Chemical	N	No relevant information	5/9/2008	5/9/2008	3
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Biomonitoring memos & results.pdf	Correspondence and report concerning biomonitoring	N	No relevant information	Various	8/2/2004 - 5/22/2006	163
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Cedar Chemical Company expanded.mpp	This file cannot be opened without Microsoft Project					
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Cedar Chemical Company.mpp	This file cannot be opened without Microsoft Project					
ADEQ 2	Miscellaneous	Contracts	Melanies folder		CEDAR NEED TO KNOW.doc	Notes regarding requirements of various contracts	N	No relevant information	Undated	Undated	2
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Cedar reduced biomonitoring letter.doc	Memo to NPDES Permits, Water Division Re: Biomonitoring Frequency Reduction	N	No relevant information	5/11/2005	5/11/2005	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Cedar sample results.pdf	Sampling results for oxygen, pH, solids and organic carbon	N	No relevant information	3/27/2007	3/27/2007	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Cedar Sampling Protocol.doc	Protocol for the Operation of the Wastewater Treatment Plant	N	No relevant information	7/16/2004	7/16/2004	5
ADEQ 2	Miscellaneous	Contracts	Melanies folder		EPA Pol Rep.pdf	EPA Pollution Report, Continuation of Removal Activities	Y	Discusses removal of COCs at the site. Date range is the POLREP reporting period	8/18/2003	7/16/03 - 8/15/03	2
ADEQ 2	Miscellaneous	Contracts	Melanies folder		General info.pdf	Cedar Chemical Company Reference Sheet and site update	N	No relevant information	10/25/2004	10/25/2004	5
ADEQ 2	Miscellaneous	Contracts	Melanies folder		HWD- Water Protocol.pdf	Protocol for the Operation of the Wastewater Treatment Plant	N	Duplicate of "Cedar Sampling Protocol" with signatures	7/16/2004	7/16/2004	5
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Lab Memo.dot	ADEQ Memo for purchase request for American Interplex Inc. for acute biomonitoring	N	No relevant information	8/2/2004	8/2/2004	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Monitoring Forms.xls	Water level form and Sampling log form	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		NPDES Inspections.pdf	NPDES compliance inspection reports with attachments	N	No relevant information	Various	9/5/2005 - 12/5/05	8
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Photos for security4.doc	ADEQ memo identifying parties permitted onsite with photos	N	No relevant information	7/21/2008	7/21/2008	3
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Quarterly meeting notes.pdf	Quarterly Meeting Notes	N	No relevant information	Various	7/21/2004 - 7/17/06	8

ADEQ 2	Miscellaneous	Contracts	Melanies folder		Security new pics2.doc	ADEQ letter to Broadway Protection Services Re: Parties Authorized Onsite at Cedar Chemical	N	No relevant information	7/22/2008	7/22/2008	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Security No guard.doc	ADEQ letter to Broadway Protection Services Re: no guard onsite	N	No relevant information	4/12/2007	4/12/2007	1
ADEQ 2	Miscellaneous	Contracts	Melanies folder		WW contractor info.pdf	Scope of work for stormwater mangement and summary of telephone call with Gary Hill	N	No relevant information	8/11/2004	8/11/2004	5
ADEQ 2	Miscellaneous	Contracts	Melanies folder		~\$dar Sampling Protocol.doc	This appears to be a temp file and is no longer in the file	N	No relevant information			
ADEQ 2	Miscellaneous	Contracts	Melanies folder		~WRL3319.tmp	This appears to be a temp file and is no longer in the file	N	No relevant information			
ADEQ 2	Miscellaneous	Contracts	Melanies folder		Thumbs.db	This appears to be a temp file and is no longer in the file	N	No relevant information			
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		American Interplex PO.xls	Purchase request for American Interplex for acute biomonitoring services	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		American Interplex PO2.xls	Purchase request for American Interplex for acute biomonitoring services	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		American Interplex PO3.xls	Purchase request for American Interplex for acute biomonitoring services	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		American Interplex PO4.xls	Purchase request for American Interplex for acute biomonitoring services	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Cedar Competitive Bid Sheet.xls	State of Arkansas Bid Summary sheet for equipment appraisal	N	No relevant information	5/27/2003	5/27/2003	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Cedar Equipment PR.xls	Purchase request for Sencer Appraisal Associates for appraisal services	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Cedar Heater PR.xls	Purchase request for Walmart for radiator heater	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Cedar Heater PR2.xls	Purchase request for Home Depot for radiator heater	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		CONTRACT AND GRANT DISCLOSURE AND CERTIFICATION FORM.doc	Contract and Grant Disclosure and Certification Form	N	No relevant information. Form is blank. Duplicate of Line 48	Undated	Undated	2
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter calibration purchase request.xlt	Purchase request for Instrument & Supply for flow meter calibration	N	No relevant information	Date is autofilled with today's date		1

ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter calibration purchase request2.xlt	Purchase request for Instrument & Supply for flow meter calibration	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter calibration purchase request3.XLT	Purchase request for Instrument & Supply for flow meter calibration	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter calibration purchase request4.xls	Purchase request for Instrument & Supply for flow meter calibration	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter calibration purchase request5.xls	Purchase request for Instrument & Supply for flow meter calibration	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter purchase request Memo.dot	ADEQ Memo re: need for flow meter calibration	N	No relevant information	10/18/2004	10/18/2004	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter purchase request Memo2.dot	ADEQ Memo re: need for flow meter calibration	N	No relevant information	11/7/2005	11/7/2005	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Flow meter purchase request Memo3.dot	ADEQ Memo re: need for flow meter calibration	N	No relevant information	11/16/2006	11/16/2006	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Graham Plumbing PR.xls	Purchase request for Graham Plumbing for evaluating broken discharge line	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Graham Plumbing PR2.xls	Purchase request for Graham Plumbing for repairing broken 8" concrete force main	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Instrument & Supply Memo.dot	ADEQ memo re: pay requests for calibration of flow meter	N	No relevant information	11/18/2004	11/18/2004	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		plumbing memo.doc	ADEQ memo re: need to repair discharge leak	N	No relevant information	5/1/2008	5/1/2008	1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		Riggs Pump PR.xls	Purchase request for JA Riggs Tractor Co to repair water pump	N	No relevant information	Date is autofilled with today's date		1
ADEQ 2	Miscellaneous	Contracts	Purchasing Documents		TERM AWARD TERMS AND CONDITIONS (2).doc	Term Award Terms and Conditions	N	No relevant information	Undated	Undated	3
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-03-28 Mowing Extension.doc	ADEQ letter tp Ed L. Wallace re: Lawn Care Service additional grass cuttings	N	No relevant information	3/28/2007	3/28/2007	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-03-28 Mowing PR.xlt	Purchase request for Ed Wallace for mowing	N	No relevant information	3/28/2007	3/28/2007	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-07-02 Mowing Extension2.doc	ADEQ letter to Ed. L. Wallace re: additional grass cuttings	N	No relevant information	7/2/2007	7/2/2007	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-07-02 Mowing PR2.xls	Purchase request for Ed Wallace for mowing	N	No relevant information	7/2/2007	7/2/2007	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-07-16 Mowing payment memo.doc	ADEQ memo re: Mowing PO for Ed Wallace	N	No relevant information	7/16/2007	7/16/2007	1

ADEQ 2	Miscellaneous	Contracts	Mowing		2007-07-16 Mowing PR3.XLT	Purchase request for Ed Wallace for mowing	N	No relevant information	7/16/2007	7/16/2007	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-11-19 Mowing Extension4.doc	ADEQ letter to Ed. L. Wallace re: additional grass cuttings	N	No relevant information	11/19/2007	11/19/2007	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2007-11-19 Mowing PR4.xls	Purchase request for Ed Wallace for mowing	N	No relevant information	11/19/2007	11/19/2007	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-08-22 3 seperate bids for lawn service.pdf	Quotes for providing lawn services	N	No relevant information	8/22/2008	8/28/08 - 8/30/08	24
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-08-22 mowing bid package 00700Gen Cond short.doc	General Conditions for Services	N	No relevant information	8/22/2008	8/22/2008	8
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-08-22 mowing bid package techspecs.doc	Summary of Work	N	No relevant information	8/22/2008	8/22/2008	5
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-08-22 mowing bid package.doc	Mowing Bid Package	N	No relevant information	8/22/2008	8/22/2008	8
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-08-22 original contract.pdf	Mowing Contract	N	No relevant information	8/22/2008	8/22/2008	22
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-09-22 Mowing Bid Quotations Form.xls	Summary of Quotes for Mowing Contract	N	No relevant information	9/22/2008	9/22/2008	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-09-22 Mowing PR Patton.xls	Purchase request for David Patton for mowing services	N	No relevant information	9/22/2008	9/22/2008	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-09-22 Purchase Requisition.pdf	Purchase Requisition Form for David Patton for mowing	N	No relevant information	9/22/2008	9/22/2008 - 9/24/2008	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2008-09-30 Purchase Order.pdf	State of Arkansas Purchase Order for David Patton	N	No relevant information	9/30/2008	9/30/2008	3
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-05-15 Signed PR.pdf	Signed Purchase Request for David Patton for mowing services	N	No relevant information	5/15/2009	5/15/2009	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-05-18 contract extention request (not necessary).pdf	ADEQ letter to David Patton regarding contract extension	N	No relevant information	5/18/2009	5/18/2009	3
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-05-18 Mowing Extension 1 (not necessary).doc	ADEQ letter to David Patton regarding contract extension	N	Duplicate of "2009-05-18 contract extention request (not necessary)" without routing slip	5/18/2009	5/18/2009	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-06-04 contract extention request (with signatures) (not necessary).pdf	David Patton signature page	N	No relevant information	6/4/2009	5/18/2009 - 6/4/2009	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-09-14 draft PR.xls	Purchase request for David Patton for mowing services	N	No relevant information	9/14/2009	9/14/2009	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-09-18 Routing Slip revised 2009 .doc	Routing Slip for Contract Extension Request for David Patton	N	No relevant information	9/18/2009	9/18/2009	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-09-24 contract extension request for David .doc	ADEQ letter to David Patton regarding contract extension	N	No relevant information	9/24/2009	9/24/2009	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-09-24 Contract Extension Request for Patton Lawn Service.pdf	ADEQ letter to David Patton regarding contract extension	N	Duplicate of "2009-09-24 contract extension request for David" with signature and routing slip	9/24/2009	9/24/2009	3
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-10-19 Routing Slip revised 2009 .doc	Routing Slip for Contract Extension Request for David Patton	N	No relevant information	10/19/2009	10/19/2009	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-10-26 Purchase Order signed by Bob.pdf	Signed Purchase Order for David Patton for mowing services	N	No relevant information	10/26/2009	10/26/2009	5
ADEQ 2	Miscellaneous	Contracts	Mowing		2009-10-28 Signed Page 2 by Ryan and David.pdf	ADEQ letter to David Patton regarding contract extension	N	No relevant information	10/28/2009	9/24/2009 - 10/28/09	5
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 contract cover page.doc	Mowing contract cover page	N	No relevant information	3/26/2010	3/26/2010	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Invitation for quote.doc	Invitation for Quote for mowing services	N	No relevant information	3/26/2010	3/26/2010	1

ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Mowing Bid Quotations Form.xls	Summary of mowing quotes	N	No relevant information	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Mowing PR Patton.xls	Purchase request for David Patton for mowing services	N	No relevant information	3/26/2010	3/26/2010	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Routing Slip for bid quotations (revised 2009).doc	Routing slip for bid submittals for mowing	N	No relevant information	3/26/2010	3/26/2010	1
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Agreement Form (rev 01).doc	Agreement Form	N	No relevant information	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Agreement Form.doc	Agreement Form	N	Duplicate of "2010-03-26 Agreement Form (rev 01)" with slightly different formatting	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing		2010-03-26 Quote Form.doc	Quote form	N	No relevant information	3/26/2010	3/26/2010	2
ADEQ 2	Miscellaneous	Contracts	Mowing		birds eye view.doc	Aerial photo of site	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Contracts	Mowing		Working Files.Ink	Broken shortcut	N	No relevant information.	NA		NA
ADEQ 2	Miscellaneous	Contracts	Mowing		WorkOrder1.doc	Hazardous Waste Division Work Order for copying	N	No relevant information	5/18/2009	5/18/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2005-04-05 original Security Express Contract.pdf	State of Arkansas Amended Award to Security Express for security services	N	No relevant information	4/5/2005	4/5/2005	6
ADEQ 2	Miscellaneous	Contracts	Security		2007-03-20 Letter to Broadway - Security Contract Extension FY08.doc	ADEQ letter to Broadway Protection Services re: contract renewal	N	No relevant information	3/20/2007	3/20/2007	2
ADEQ 2	Miscellaneous	Contracts	Security		2008-04-23 Letter to Broadway - Security Contract Extension FY09.doc	ADEQ letter to Broadway Protection Services re: contract renewal	N	No relevant information	4/23/2008	4/23/2008	2
ADEQ 2	Miscellaneous	Contracts	Security		2008-05-00 State procurement extension beyond 7 yrs.pdf	Contract Extension for security guard services	N	No relevant information	5/00/08	5/00/08	2
ADEQ 2	Miscellaneous	Contracts	Security		2008-05-01 Security PR FY09.xls	Purchase request for security services	N	No relevant information	5/1/2008	5/1/2008	1
ADEQ 2	Miscellaneous	Contracts	Security		2008-05-01 Security PR.xlt	Purchase request for security services	N	Duplicate of "2008-05-01 Security PR FY09.xls "	5/1/2008	5/1/2008	1
ADEQ 2	Miscellaneous	Contracts	Security		2008-05-09 Letter from State Procurement - Agreement of c extent.pdf	Extension of contract for security services	N	No relevant information	5/9/2008	5/9/2008	1
ADEQ 2	Miscellaneous	Contracts	Security		2008-05-09 Purchase Order.pdf	State of Arkansas Amended Award to Broadway Protection for security services	N	No relevant information	5/9/2008	5/9/2008	1
ADEQ 2	Miscellaneous	Contracts	Security		2008-07-07 Broadway PO.pdf	Purchase order for Broadway Protection for security services	N	No relevant information	7/7/2008	7/7/2008	5
ADEQ 2	Miscellaneous	Contracts	Security		2009-05-14 letter to broadway - Contract Extension request.pdf	ADEQ letter to Broadway Protection	N	No relevant information	5/14/2009	5/14/2009	3
ADEQ 2	Miscellaneous	Contracts	Security		2009-05-14 Security Contract Extension FY10.doc	ADEQ letter to Broadway Protection	N	Duplicate of "2009-05-14 letter to broadway - Contract Extension request" without routing slip	5/14/2009	5/14/2009	2
ADEQ 2	Miscellaneous	Contracts	Security		2009-05-20 contract extention request (updated company info).pdf	ADEQ letter to BW Security Associates	N	No relevant information	5/20/2009	5/20/2009	2
ADEQ 2	Miscellaneous	Contracts	Security		2009-05-27 Letter from BW Security.pdf	BW Security letter to ADEQ regarding rate adjustments	N	No relevant information	5/27/2009	5/27/2009	5
ADEQ 2	Miscellaneous	Contracts	Security		2009-06-01 Security PR .xls	Purchase request for BW Security	N	No relevant information	6/1/2009	6/1/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-06-04 ADEQ letter to BW Security - Response to request for extra pay.doc	ADEQ letter to BW Security Associates re rate adjustments	N	No relevant information	6/4/2009	6/4/2009	2

ADEQ 2	Miscellaneous	Contracts	Security		2009-06-09 BW Security contract extension.pdf	Purchase Order for BW Security Associates	N	No relevant information	6/15/2009	6/15/2009	16
ADEQ 2	Miscellaneous	Contracts	Security		2009-06-15 ADEQ delivery to BW Security - contract extension dated 6-04-09.pdf	ADEQ letter to BW Security regarding contract extention	N	No relevant information	6/15/2009	6/15/2009	17
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-23 Blind PR .xls	Purchase request for unnamed company for security services	N	No relevant information	7/23/2009	7/23/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-23 Contractor Requirements.doc	Contractor requirments	N	No relevant information	7/23/2009	7/23/2009	5
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-27 Contractor Requirements (rev 01).doc	Contractor requirments	N	No relevant information	7/27/2009	7/27/2009	5
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-27 Contractor Requirements (rev 02).doc	Contractor requirments	N	No relevant information	7/27/2009	7/27/2009	5
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-28 Routing Slip revised 2009 (includes blind PR).doc	Hazardous Waste Division Routing Slip for Preparation for Bids for Security Services	N	No relevant information	7/28/2009	7/28/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-07-28 routing slip.pdf	Hazardous Waste Division Routing Slip for Preparation for Bids for Security Services with signature	N	No relevant information	7/28/2009	7/28/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-09-23 conversation with braodway.doc	Notes of telephone conversation with Mr. Broadway	N	No relevant information	9/23/2009	9/23/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-09-28 memo for approval of bid.doc	Internal Memo regarding bid for security contract	N	No relevant information	9/28/2009	9/28/2009	2
ADEQ 2	Miscellaneous	Contracts	Security		2009-09-29 memo for approval of bid.doc	Internal Memo regarding bid for security contract	N	No relevant information	9/29/2009	9/29/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2009-10-08 New Contract for DRS Services.pdf	Contract for DRS Services to provide security services	N	No relevant information	10/8/2009	10/8/2009	8
ADEQ 2	Miscellaneous	Contracts	Security		2009-10-21 conversation with braodway.doc	Notes of telephone conversation with Mr. Broadway	N	No relevant information	10/21/2009	10/21/2009	1
ADEQ 2	Miscellaneous	Contracts	Security		2010-01-06 Donnie Savage PO.pdf	Purchase order for DRS Services for security services	N	No relevant information	1/6/2010	1/6/2010	1
ADEQ 2	Miscellaneous	Contracts	Security		2010-04-29 Notice of Cancellation.doc	ADEQ letter to DRS Services regarding notice of cancellation of contract	N	No relevant information	4/29/2010	4/29/2010	1
ADEQ 2	Miscellaneous	Contracts	Security		2010-04-29 Routing Slip revised 2009.doc	Hazardous Waste Division Rounting Slip for Notice of Security Contract Cancellation	N	No relevant information	4/29/2010	4/29/2010	1
ADEQ 2	Miscellaneous	Contracts	Security		2010-05-05 OSP Contract cancellation notice.pdf	Security Contract Cancellation Notice	N	No relevant information	5/5/2010	5/5/2010	1
ADEQ 2	Miscellaneous	Contracts	Security		Working Files.Ink	Broken shortcut	N	No relevant information.	NA		NA
ADEQ 2	Miscellaneous	Contracts	Security		WorkOrder1.doc	Hazardous Waste Division Work Order for copying	N	No relevant information	5/20/2009	5/20/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	Security		2006-01-26 Lab Results from going to the river.rtf	Certificates of Analysis	Y	Includes sampling results for COCs	1/26/2006	1/26/2006	519
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-01-05 Letter to Region 6; discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	1/5/2008	1/5/2008	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-01-09 Letter from ADEQ to Region 6 - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	1/9/2008	1/9/2008	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-02-27 Letter from ADEQ to Region 6 - Discharge to Mississippi River.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/27/2008	2/27/2008	4

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-03-25 Letter from ADEQ to Region 6 - Dishcharge to Mississippi River.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	3/25/2008	3/25/2008	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-04-02 Letter to Broadway Protection Services - Clay McDaniel allowed access to Cedar Chemical.pdf	ADEQ letter to Broadway Protection Services regarding access to the site by Clay McDaniel	N	No relevant information	4/2/2008	4/2/2008	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-04-15 Letter from ADEQ to Region 6 - Discharge to Mississippi River.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	4/15/2008	4/15/2008	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-09-18 weekly pond transfer e-mail.pdf	Letter from AMEX Geomatrix to ADEQ re: Monthly Status Report	N	No relevant information	9/18/2008	8/1/2008 - 8/31/2008	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2008-12-29 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	12/29/2008	12/29/2008 - 1/4/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-01-05 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	1/5/2009	1/5/2009 - 1/11/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-01-12 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	1/12/2009	1/12/2009 - 1/18/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-01-14 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	1/14/2009	12/8/2008 - 1/13/2009	7
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-01-19 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	1/19/2009	1/19/2009 - 1/25/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-01-26 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	1/26/2009	1/26/2009 - 2/1/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-02 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	2/2/2009	2/2/2009 - 2/8/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-05 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	2/5/2009	2/5/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-09 Record of Return by John Peiserich.pdf	Handwritten record of return	N	No relevant information	2/9/2009	2/9/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-09 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	2/9/2009	2/9/2009 - 2/15/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-10 Letter to EPA - Dishcharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/10/2009	12/22/2008 - 1/13/2009	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-16 Discharge to the river e-mail.pdf	Email from Gary Hill to Clay McDaniel re: river discharge	N	No relevant information	2/16/2009	2/16/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-16 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	2/16/2009	2/16/209 - 2/22/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-17 Lab Results.rtf	Certificate of Analysis	N	No relevant information	2/17/2009	2/17/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-17 Pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	2/17/2009	1/26/2009 - 2/17/2009	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-20 Letter to EPA - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/20/2009	12/27/08 - 2/17/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-02-23 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	2/23/2009	2/23/2009 - 3/8/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-16 Pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	3/16/2009	1/26/2009 - 3/16/2009	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-16 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	3/16/2009	3/9/2009 - 3/15/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-19 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	3/19/2009	3/19/2009	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-23 Letter to EPA - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	3/23/2009	3/23/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-23 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	3/23/2009	3/16/09 - 3/22/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-29 Letter to EPA - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	3/29/2009	2/16/2009 - 3/16/2009	3
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-03-30 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	3/30/2009	3/30/09 - 4/5/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-06 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	4/6/2009	4/6/09 - 4/12/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-13 Pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	4/13/2009	2/16/09 - 4/13/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-13 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	4/13/2009	4/13/2009 - 4/19/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-17 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	4/17/2009	4/17/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-17 Letter to EPA - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	4/17/2009	2/16/2009 - 4/13/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-20 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	4/20/2009	4/20/2009 - 4/26/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-04-27 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	4/27/2009	4/27/2009 - 5/3/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-04 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	5/4/2009	5/4/2009 - 5/10/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-11 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	5/11/2009	5/11/2009 - 5/17/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-18 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	5/18/2009	4/6/2009 - 5/18/2009	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-18 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	5/18/2009	5/18/2009 - 5/24/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-20 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	5/20/2009	4/6/2009 - 5/20/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-05-25 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	5/25/2009	5/25/2009 - 5/31/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-01 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly reports	N	No relevant information	6/1/2009	6/1/2009 - 6/7/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-08 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	6/8/2009	6/8/2009 - 6/14/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-10 Garys pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	6/10/2009	4/13/2009 - 6/10/2009	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-15 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	6/15/2009	6/15/09 - 6/21/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-16 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	6/16/2009	4/13/09 - 6/16/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-22 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	6/22/2009	6/22/2009 - 6/28/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-06-29 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	6/29/2009	6/29/2009 - 7/5/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-06 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	7/6/2009	5/25/09 - 7/6/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-06 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	7/6/2009	7/6/09 - 7/12/09	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-07 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	7/7/2009	5/25/09 - 7/7/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-13 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	7/13/2009	7/13/09 - 7/19/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-15 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	7/15/2009	7/15/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-07-20 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	7/20/2009	7/20/09 - 7/26/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-10 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	8/10/2009	6/22/09 - 8/10/09	5
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-20 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	8/20/2009	7/7/09 - 8/20/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-24 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	8/24/2009	8/24/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-24 weekly pond transfer fax.pdf	Pond transfer discharge logs	N	No relevant information	8/24/2009	8/10/09 - 8/24/09	5
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-31 Gary's pond transfer discharge logs.pdf	Note from Gary Hill to Clay McDaniel re: discharge to river with pond transfer discharge logs	N	No relevant information	8/31/2009	8/3/09 - 9/7/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-08-31 weekly pond transfer fax.pdf	Pond transfer discharge update	N	No relevant information	8/31/2009	8/31/09 - 9/6/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-07 weekly pond transfer fax.pdf	Pond transfer discharge update	N	No relevant information	9/7/2009	9/7/09 - 9/13/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-09 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	9/9/2009	8/3/09 - 9/9/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-14 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	9/14/2009	9/14/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-14 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	9/14/2009	9/14/2009 - 9/20/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-21 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	9/20/2009	9/21/09 - 9/27/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-28 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	9/28/2009	9/28/09 - 10/4/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-09-29 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	9/29/2009	8/3/09 - 9/29/09	7
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-05 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	10/5/2009	8/3/09 - 10/5/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-05 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	10/5/2009	10/5/09 - 10/11/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-12 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	10/12/2009	10/12/09 - 10/18/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-19 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	10/19/2009	9/21/09 - 10/19/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-19 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	10/19/2009	10/19/09 - 10/25/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-23 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	10/23/2009	9/28/09 - 10/23/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-10-28 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	10/28/2009	10/28/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-02 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	11/2/2009	11/2/09 - 11/8/09	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-09 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	11/9/2009	9/21/09 - 11/9/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-09 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	11/9/2009	11/9/09 - 11/15/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-16 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	11/16/2009	9/28/09 - 11/16/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-16 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	11/16/2009	11/16/09 - 11/22/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-23 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	11/23/2009	9/28/09 - 11/23/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-23 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	11/23/2009	11/23/09 - 11/29/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-11-24 Letter to EPA - discharge notification.doc.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	11/24/2009	9/28/09 - 11/24/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-01 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	12/1/2009	12/1/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-07 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	12/7/2009	12/7/09 - 12/14/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-14 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	12/14/2009	11/9/09 - 12/14/09	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-14 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	12/14/2009	12/14/09 - 12/27/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-16 Letter to EPA - discharge notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	12/16/2009	11/23/09 - 12/16/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2009-12-21 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	12/21/2009	12/14/09 - 12/27/09	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-04 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	1/4/2010	1/4/10 - 1/11/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-11 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	1/11/2010	1/11/10 - 1/17/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-12 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	1/12/2010	11/4/09 - 1/12/10	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-15 Letter to EPA - discharge notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	1/15/2010	11/23/09 - 1/15/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-18 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	1/18/2010	1/18/10 - 1/24/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-01-25 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	1/25/2010	1/25/10 - 1/31/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-01 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	2/1/2010	12/28/09 - 12/1/10	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-01 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	2/1/2010	2/1/10 - 2/7/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-03 EPA notification.doc	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/3/2010	2/3/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-03 Letter to EPA - discharge notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/3/2010	1/18/10 - 2/3/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-08 weekly pond transfer e-mail.pdf	Weekly pond transfer discharge report	N	No relevant information	2/8/2010	2/8/10 - 2/14/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-15 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	2/15/2010	2/15/10 - 2/21/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-16 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	2/16/2010	2/16/2010	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-22 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	2/22/2010	1/4/10 - 2/22/10	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-22 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	2/22/2010	2/22/10 - 2/28/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-26 EPA notification.doc	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/26/2010	2/26/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-02-26 Letter to EPA - Discharge Notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	2/26/2010	1/18/10 - 2/26/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-01 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	3/1/2010	3/1/10 - 3/7/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-08 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	3/8/2010	3/8/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-08 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	3/8/2010	3/8/10 - 3/14/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-15 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	3/15/2010	3/15/10 - 3/21/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-16 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	3/16/2010	3/16/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-22 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	3/22/2010	2/15/10 - 3/22/10	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-22 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	3/22/2010	3/22/10 - 4/4/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-24 EPA notification.doc	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	3/24/2010	3/24/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-03-24 Letter to EPA - Discharge Notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	3/24/2010	3/8/10 - 3/24/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-05 weekly pond transfer e-mail.pdf	email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	4/5/2010	4/5/10 - 4/11/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-12 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	4/12/2010	4/12/10 - 4/18/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-19 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	4/19/2010	4/19/10 - 4/25/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-20 Certificate of Analysis.rtf	Certificate of Analysis	N	No relevant information	4/20/2010	4/20/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-26 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	4/26/2010	3/8/10 - 4/26/10	7
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-04-26 weekly pond transfer e-mail.pdf	email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	4/26/2010	4/26/10 - 5/2/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-03 EPA notification.doc	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	5/3/2010	5/3/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-03 Letter to EPA - Discharge Notification.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	5/3/2010	3/8/10 - 5/3/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-03 weekly pond transfer e-mail.pdf	Email from Gary Hill to Clay McDaniel re: weekly report	N	No relevant information	5/3/2010	5/3/10 - 5/9/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-10 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	5/10/2010	5/10/10 - 5/16/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-17 weekly pond transfer fax.pdf	Weekly pond transfer discharge report	N	No relevant information	5/17/2010	5/17/10 - 5/23/10	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-24 Gary's pond transfer discharge logs.pdf	Pond transfer discharge logs	N	No relevant information	5/24/2010	4/5/10 - 5/24/10	6
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-05-27 EPA notification.doc	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	5/27/2010	5/27/2010	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			2010-06-01 Letter to EPA - Discharge at Cedar.pdf	ADEQ letter to Region 6 regarding discharge at Cedar Chemical	N	No relevant information	6/1/2010	4/26/10 - 6/1/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			Cc list when I send the letter.doc	List of names for cc: and bc:	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			New Filing System.Ink	Broken shortcut	N	No relevant information.	NA		NA
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			Routing Slip revised 2009 .doc	Hazardous Waste Division Routing Slip for Sole-source Contract Request for Gary Hill	N	No relevant information	5/28/2009	5/28/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails			WorkOrder1.doc	Hazardous Waste Division Work Order for copying	N	No relevant information	Undated	Undated	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		ADEQ Report (39).msg	Email from Jeff Reuhr to Clay McDaniel with attached Certificate of Analysis	N	No relevant information	6/10/2009	6/10/2009	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		ADEQ Report.msg	Email from Jeff Reuhr to Clay McDaniel with attached Certificate of Analysis	N	No relevant information	4/1/2010	4/1/2010	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Calibration quote.msg	Email from Instrument and Supply, Inc. to Clay McDaniel with attached quote for calibrations	N	No relevant information	12/18/2009	12/18/2009	2
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical .msg	Email from Clyde Rhodes to Clay McDaniel regarding attorney notification of holding tanks	N	No relevant information	3/3/2010	3/3/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (30).msg	Email from Clay McDaniel to Mo Shafi, Steve Drown, Jeff Ruehr and Dick Cassat re: Cedar Chemical Discharge to the River	N	No relevant information	8/25/2009	8/25/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (35).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	7/27/2009	7/27/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (36).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	7/6/2009	7/6/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (38).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	6/10/2009	6/10/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (44).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	5/26/2009	5/26/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river (46).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	5/18/2009	5/18/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical discharge to the river.msg	Email from Clay McDaniel to Gary Hill re: Cedar Chemical Discharge to the River	N	No relevant information	8/26/2009	8/26/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical river discharge.msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	10/7/2009	10/7/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical run.msg	Email from Clay McDaniel to James Starling re: Cedar Chemical run	N	No relevant information	8/25/2009	8/25/2009	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Chemical.msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	7/7/2009	5/25/09 - 7/7/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Discharge to River (26).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	10/23/2009	9/28/09 - 10/23/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Discharge to River (28).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	10/5/2009	8/3/09 - 10/5/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Discharge to River (32).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	8/20/2009	7/7/09 - 8/20/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Discharge to River.msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	11/16/2009	9/28/09 - 11/16/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar discharge to the river (18).msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	12/3/2009	12/3/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar discharge to the river.msg	Email from Gary Hill to Clay McDaniel regarding Cedar Chemical Discharge to the River	N	No relevant information	4/13/2010	4/13/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Disharge to the River (45).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	5/20/2009	4/6/09 - 5/20/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Disharge to the River.msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	6/16/2009	4/13/09 - 6/16/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar Drop Off.msg	Email from Clay McDaniel to James Starling re: Cedar Drop Off	N	No relevant information	11/20/2009	11/20/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (10).msg	Email from Clay McDaniel to Gary Hill re: Cedar River Discharge	N	No relevant information	3/12/2010	3/12/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (14).msg	Email from Clay McDaniel to Mo Shafi, Steve Drown, Jeff Ruehr and Dick Cassat re: Cedar Chemical Discharge to the River	N	No relevant information	3/11/2010	3/11/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (22).msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	2/9/2010	2/9/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (25).msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	1/19/2010	1/19/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar River Discharge (3).msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	12/28/2009	12/28/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (4).msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	11/12/2009	11/12/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge (6).msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	10/27/2009	10/27/2009	1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar river discharge.msg	Email from Gary Hill to Clay McDaniel re: Cedar river discharge	N	No relevant information	5/12/2010	5/12/2010	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Cedar.msg	Email from Gary Hill to Clay McDaniel re: change to weekly report	N	No relevant information	11/23/2009	11/23/2009	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical (11).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	3/24/2010	3/8/10 - 3/24/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical (15).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	2/3/2010	1/18/10 - 2/3/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical (19).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	1/15/2010	11/23/09 - 1/15/10	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical (2).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	12/17/2009	11/23/09 - 12/17/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical (7).msg	Email from Clay McDaniel to Nancy Williams EPA with attached letter regarding discharge from Cedar Chemical facility	N	No relevant information	11/24/2009	9/28/09 - 11/25/09	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Discharge at Cedar Chemical .msg	Email from Clay McDaniel, ADEQ, to Nancy Williams, USEPA, and five others, no affiliation stated, submitting a notification of discharge from Cedar Chemical facility. The attached letter dated 11/24/2009, from Clay McDaniel, ADEQ, to Nancy Williams, USEPA, reporting a discharge of 1,336,306 gal; pH and temperature records attached.	N	No relevant information	11/25/2009	11/16/2009- 11/23/2009	4
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar Chemical discharge to the river (37).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	6/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar Chemical discharge to the river (42).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week.	N	No relevant information	5/28/2009		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar Chemical discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	7/28/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar Chemical river discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat plus two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	10/7/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar discharge to the river (16).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	12/7/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar discharge to the river (17).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	12/3/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	4/13/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (12).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	12/31/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (13).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	12/29/2009		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (20).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email from Gary Hill to Clay McDaniel, dated 11/12/2009, states he is using his last cooler.	N	No relevant information	11/13/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (21).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor, who states he is using his last cooler.	N	No relevant information	11/12/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (23).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	10/29/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (24).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	10/28/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (5).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	2/10/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge (9).msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	1/20/2010		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Cedar river discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	5/13/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying three others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor, who notes he will need more airbills and pH buffers..	N	No relevant information	12/20/2008		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW fed ex.msg	Email string initiated by Larissa Trent, ADEQ, requesting cost center information for a FedEx bill.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW River discharge.msg	Email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week. Email string includes referenced request from contractor.	N	No relevant information	9/17/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		FW Weekly report .msg	Email from Melanie Foster to Clay McDaniel plus two others transmitting Gary Hill's weekly report for week of 12/22-28/2008. Report includes number of hours and locations of discharge activities plus contractor activities and hours spent plus amount of rain fall.	N	No relevant information	12/30/2008	12/22/2008-12/28/2008	1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Fwd River discharge.msg	Email from Gary Hill to Clay McDaniel, ADEQ, stating readiness to discharge to the river on 9/21/2009.	N	No relevant information	9/16/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		making a Cedar run .msg	Email from Clay McDaniel, ADEQ, to Eric Fleming plus two others regarding need for contractor supplies.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Anyone traveling to W Helena (31).msg	Email from Clay McDaniel, ADEQ, to Penny Wilson and two others asking if anyone plans travel to West Helena as contractor needs supplies; response "not at this time."	N	No relevant information	8/24/2009		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Anyone traveling to W Helena .msg	Continuation of above email string with response from Tammie Hynum to Clay McDaniel that Greenway went last week and to check with Water Division.	N	No relevant information	8/24/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical discharge to the river (33).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Hill notes he will need coolers, pH buffers and shipping bills for the next discharge.	N	No relevant information	7/30/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical discharge to the river (34).msg	Email from Jeff Ruehr to Clay McDaniel stating that planned discharge can proceed; contractor notes need for coolers, pH buffers and shipping bills for the next discharge.	N	No relevant information	7/28/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical discharge to the river (40).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string includes email from McDaniel to self with a possible change in wording of his instructions to Hill.	N	No relevant information	5/29/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical discharge to the river (41).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge.	N	No relevant information	5/29/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical discharge to the river (47).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge and requesting samples be collected for BOD, TOC, and TSS analyses to be done at the ADEQ laboratory. Email string includes referenced request to discharge from contractor and email from Clay McDaniel, ADEQ, to Mo Shafi, Steve Drown, Jeff Ruehr, and Dick Cassat and copying two others, requesting permission to discharge from Cedar Chemical next week.	N	No relevant information	5/7/2009		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Re Cedar Chemical discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge and acknowledgement of permission to do so.	N	No relevant information	7/31/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical river discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	10/8/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical run.msg	Email from Clay McDaniel, ADEQ, to James Starling, ADEQ, and copying two others, stating that Starling will be in town to pick up contractor requested supplies and asking him to also purchase gas for the contractor with a response from Starling of his estimated arrival time.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar Chemical.msg	Email from Gary Hill to Berea Little, ADEQ, asking for balance left on his contract with response from Little that \$3,314.76 remains.	N	No relevant information	6/8/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar discharge to the river.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	4/14/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Re Cedar report.msg	Email exchange between Clay McDaniel, ADEQ, and Gary Hill, regarding the status of the property with response from Hill that he had to clear out his work area and would send a bill for the "weed eating."	N	No relevant information	4/27/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar river discharge (8).msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	1/21/2010		1

ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Cedar river discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	5/13/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE fed ex.msg	Email string initiated by Larissa Trent, ADEQ, requesting cost center information for a FedEx bill. Response from Clay McDaniel that cost center is 451085.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Gary Hill Cedar Chemical (1).msg	Email from Clyde Rhodes, ADEQ, to Bobby Hampton and five others, that ADEQ will continue to need Gary Hill's services for the Cedar Chemical site.	N	No relevant information	4/30/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE Gary Hill Cedar Chemical.msg	Email response from Bobby Hampton to Clyde Rhodes, ADEQ, and five others, that Gary Hill's current contract will expire 06/30/2010.	N	No relevant information	4/30/2010		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE making a Cedar run (29).msg	Email response from Eric Fleming to Clay McDaniel and two others that Fleming has no one headed to West Helena. This in response to Clay's email that contractor Gary Hill needed supplies at that location by the next Monday..	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE making a Cedar run .msg	Email from Clay Mc Daniel to Eric Fleming thanking him for his response that Fleming did not have anyone scheduled to do to the Cedar Chemical site.	N	No relevant information	8/25/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		RE River discharge.msg	Email from Clay McDaniel, ADEQ, to Gary Hill with copies to Mo Shafi, Steve Drown, Jeff Ruehr, Dick Cassat, Annette Cusher, and Tammie Hynum, granting permission to discharge. Email string include contractor request to discharge.	N	No relevant information	9/18/2009		1
ADEQ 2	Miscellaneous	Discharge Logs, Reports, e-mails	e-mails		Weekly report (27).msg	Email from Gary Hill to Clay Mc Daniel transmitting Hill's weekly report for week of 9/28/2009-10/04/2009. Report includes number of hours and locations of discharge activities plus contractor activities and hours spent plus amount of rain fall.	N	No relevant information	10/7/2009	9/28/2009-10/04/2009	1

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Source	Folder	Subfolder_1	Subfolder_2	Subfolder_3	Document name	General Document Description	Relevant (Y/N)	Description of Relevance	Doc. Date	Date Range	Page Count			
ADEQ1	Ansul, Tyco, Wormald				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order (CAO) between ADEQ and Ansul, Helena Chemical, and ExxonMobil Chemical	Y	Provides brief summary of site background (page 4); links 3 parties (Ansul, Inc. FKA Wormald US, Inc.; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site (page 1).	3/22/2007		16			
ADEQ1	Ansul, Tyco, Wormald				2008-02-13 Aerial view of Cedar with colored in areas.pdf	Site map from Facility Investigation with structures, wells, and hand-written notes	Y	Provides some contaminant distribution information as of the date of the map.	6/28/1996		1			
ADEQ1	Ansul, Tyco, Wormald				2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	The objective was to investigate the high levels of dinoseb, a constituent of concern, found in 1996 through additional soil sampling and analysis. Analytic results for soil samples collected from 4 to 8-foot depths showed all samples below EPA EPA Region 6 Medium-Specific Screening List (MSSL) standards (page 3).	3/30/2009	03/1-29/2009	88			
ADEQ1	Ansul, Tyco, Wormald				2009-04-09 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report	Y	ADEQ stated that report did not use the most recent Region 6 MSSL and that all dinoseb results exceeded the level for "protection of groundwater," the correct standard to use.	4/9/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-04-27 Letter to ADEQ - response to comments (includes revised SI Report).pdf	Response letter to ADEQ with revised Wormald Site Investigation Report by AECOM on behalf of Tyco Safety Products.	Y	Revised report acknowledged that dinoseb results exceeded EPA MCL, but contended all results were below EPA Region 6 MSSL for "industrial soil" and require no further delineation.	4/27/2009		116			
ADEQ1	Ansul, Tyco, Wormald				2009-05-04 Letter to AECOM - comments on SI Report.pdf	ADEQ comments to AECOM on Wormald Site Investigation Report, revised 04/27/2009 pointing out contradictions and errors.	Y	Since an out-dated standard was used, soil samples above and below the interval, previously held back, may need analysis.	5/4/2009		2			
ADEQ1	Ansul, Tyco, Wormald				2009-05-21 Letter to ADEQ - Response to ADEQ Comments.pdf	Response letter to ADEQ with Wormald Site Investigation Report "change out pages" from AECOM on behalf of Tyco Safety Products.	Y	AECOM on behalf of Tyco Safety Products, removed the statement that "no further delineation is required" for the soil samples held back; however, holding times had been exceeded.	5/21/2009		14			
ADEQ1	Ansul, Tyco, Wormald				2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Section 2-2 (page 22) lists six production units and describes and locates Site 3; Section 3.0. describes soil types to ~150 ft. bgs (page 25); discussion of hydrology, surface water (pages 26-28); table with biodegradation parameters for dinoseb pathways (page 29). Report also includes Conceptual Site Model to describe movement and remediation by microbial degradation (page 31). Concludes that natural attenuation caused major reduction in dinoseb concentration (page 33). Figure 3-1 has historic soil sampling locations (page 74).	6/29/2009	1996-2009	196			
ADEQ1	Ansul, Tyco, Wormald				2009-07-13 Cindy's comments on FS.doc (soil info)	ADEQ internal memo commenting on Feasibility Study submitted by AECOM December 2007	Y	Comments include reference to monitoring wells near Site 3 with dinoseb concentrations in perched aquifer which could impact Site 3. Author contends insufficient sampling data to conclude no contamination is present.	7/13/2009		2			
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents			1988-07-00 Hydrogeologic Study.pdf (soils & hydro info)	Hydrogeologic Study of site done for Cedar Chemical Corp. by engineering firm	Y	Has subsurface physical parameters as of 1988 such as depth to perched aquifer (pages 12-13), groundwater flow direction (page 13); also site map (page 16).	7/19/1988		38			
ADEQ1	Ansul, Tyco, Wormald	2008-08-25 Ann Faitz request for documents			1991-12-12 memo on December 12, 1991.pdf	Internal memo (agency not identified, presumably ADEQ) of a site visit to inspect SWMUs listed in the "facility investigation preliminary report" submitted Oct. 1991.	Y	Includes description and operation of various components of the WWTP on site. Also visited was the SW pond and ditches (coated with oil). Also noted was yellow soil staining presumed to be dinoseb salts and odor at closed impoundments. Spills observed near processing units, not described. References made to future soil sampling.	#####		3			

ADEQ1	AMEC Documents				2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3)	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	P. 5 summarized site operations including process areas. Pp. 5-7 summarize groundwater, soil, and sediment. Pp. 8-9 list proposed sampling locations. 2006-03-31 Cedar Trip Report.pdf and 2006-03-31 Cedar Trip Report.doc are duplicates. Date in title (document name column) is incorrect. Correct date is 3/31/2006, from cover and header.	3/31/2006		18			
ADEQ1	AMEC Documents				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between Adeq and Ansul, Helena Chemical, ExxonMobil Chemical.	Y	P. 1 links 3 parties (Ansul Inc. FKA Wormald US; Helena Chemical Co.; and ExxonMobil Chemical Co., Div. of ExxonMobil Corp.) to site.	3/22/2007		16			
ADEQ1	AMEC Documents				2007-11-09 3rd Monthly Status Report.pdf	Third Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	Y	P. 1 cites ongoing monitoring well assessment and Current Conditions Report. P. 2 cites PRP agreement to conduct SI and feasibility study as necessary. P. 3 cites escrow account agreement and deposit made by ExxonMobil and Helena Chemical.	11/9/2007	10/01/2007-10/31/2007	5			
ADEQ1	AMEC Documents				2007-11-16 --- Current Conditions Report (1 of 4).pdf (site physical setting, process list, data 1993-2001)	Current Conditions Report, part 1 of 4	Y	Pp. 25-37 cite prior, historical sampling events, which document onsite and offsite contamination of VOCs, SVOCs, metals, and pesticides in soils, sediments, and groundwater. Contaminants include arsenic, total chromium, 1,2-DCA, dinoseb, methylene chloride, dieldrin.	#####		194			
ADEQ1	AMEC Documents				2007-11-16 --- Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Current Conditions Report, part 2 of 4, figures	Y	Maps and cross sections showing monitoring well locations and groundwater concentrations. Pp. 4-12 compare analytical results to MSSSLs.	#####		12			
ADEQ1	AMEC Documents				2007-11-16 --- Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Current Conditions Report, part 3 of 4, figures	Y	Maps showing soil contamination including concentrations exceeding MSSSLs.	#####		4			
ADEQ1	AMEC Documents				2007-11-16 --- Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Current Conditions Report, part 4 of 4, figures	Y	Maps showing soil contamination including concentrations exceeding MSSSLs.	#####		4			
ADEQ1	AMEC Documents				2007-12-10 4th Monthly Status Report.pdf	Fourth Monthly Status Report from Geomatrix (PRP contractor) to ADEQ.	Y	P. 2 cites upcoming groundwater sampling event and Feasibility Study. P. 3 cites escrow account fully funded by PRPs and available to ADEQ and agreement between PRPs and ADEQ to conduct SI and feasibility study as necessary.	#####	11/01/2007-11/30/2007	5			
ADEQ1	AMEC Documents				2007-12-15 Sampling and Analysis Plan Summary.pdf	Sampling and Analysis Plan Summary prepared by Geomatrix Consultants, for ExxonMobil Corp. and Helena Chemical Company.	Y	Describes proposed groundwater sampling based on identified areas of contamination. P. 14 includes map of monitoring well locations	#####		14			
ADEQ1	AMEC Documents				2008-01-07 Analytical Table - January 2008 Groundwater Data.pdf	Analytical Results of January 2008 Groundwater Sampling table	Y	Documents groundwater samples with contaminants which exceed Primary and Secondary Drinking Water Standards, and exceed Tap Water MSSSL.	1/7/2008		9			
ADEQ1	AMEC Documents				2008-01-18 Facility Investigation Workplan (FI WP).pdf	Facility Investigation Workplan, submitted to ADEQ by Geomatrix, contractor for ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Pp. 11-20 include planned sampling, analytical methods and quality control.	1/18/2008		935			
ADEQ1	AMEC Documents				2008-02-04 Letter to Geomatrix - comments on FI WP.pdf	ADEQ comments to Facility Investigation Workplan submitted by Geomatrix on behalf of PRPs.	Y	Pp. 1-2 ADEQ states that proposed analyses will not adequately characterize the contamination at the site (specific contaminants and analyses are cited).	2/4/2008		17			
ADEQ1	AMEC Documents				2008-02-12 Tammies Meeting Notes.pdf	Various documents with Meeting agenda ADEQ with handwritten notes.	Y	Pp. 6-11 table showing substances and concentrations detected in groundwater at site.	2/12/2008		13			
ADEQ1	AMEC Documents				2008-02-22 Figure - Monitoring Well Locations.pdf	Map of borings and well locations.	Y	Shows sample locations and suspected waste burial areas.	2/22/2008		1			
ADEQ1	AMEC Documents				2008-02-22 Letter to ADEQ - Responses to ADEQ Comment Letter dated February 4, 2008.doc	Geomatrix response to ADEQ's comments to the Facility Investigation Workplan.	Y	Pp. 2-4 discussion of analytical parameters, and onsite contamination, including concentrations.	2/22/2008		5			
ADEQ1	AMEC Documents				2008-02-26 Letter to Geomatrix - conditional approval of FI WP.pdf	ADEQ response to comments on Facility Investigation Workplan	Y	p. 1 discussion of onsite contamination.	2/26/2008		2			
ADEQ1	AMEC Documents				2008-03-20 ----- FI Work Plan (1 of 3).pdf	Facility Investigation Workplan prepared by Geomatrix for PRPs.	Y	Pp. 12-17 outline sample collection. P. 18 lists constituents to be analyzed. Pp. 25-33 are maps and cross sections of well locations and waste burial areas, showing known areas of contamination onsite.	3/20/2008		33			

ADEQ1	AMEC Documents				2008-03-20 FI Work Plan (2 of 3) HASP 2008.pdf	H&S Plan prepared by Geomatrix for PRPs.	Y	Pp. 13-14 Table lists contaminants and concentrations.	3/20/2008		235			
ADEQ1	AMEC Documents				2008-03-20 FI Work Plan (3 of 3) QAPP .pdf	QAPP prepared by Geomatrix for PRPs.	Y	Pp. 18-24 discuss sample collection methods; pp. 30-36 discuss QC.	3/20/2008		854			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 1 - Pesticides in Soil and GW) .pdf	Map of pesticides/herbicides in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Map of VOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-27 ----- Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Map of SVOCs in soil and groundwater and proposed monitoring well locations.	Y	Shows analytical results and Includes Soil and Groundwater Screening Levels for contaminants of concern.	5/27/2008		1			
ADEQ1	AMEC Documents				2008-05-30 Figure - proposed alluvial off-site well map.pdf	Proposed off site monitoring well locations and depth of screened intervals.	Y	May help establish area of contamination.	5/30/2008		1			
ADEQ1	AMEC Documents				2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	Proposal of additional groundwater monitoring wells offsite to identify extent of groundwater contamination.	Y	FI Investigation detected 1,2-DCA at furthest downgradient groundwater well sample location. Pp. 1-2 of this supplement requests approval to install additional monitoring wells to better delineate extent of offsite groundwater contamination.	8/28/2008		2			
ADEQ1	AMEC Documents				2008-08-28 FI WP Supplement No. 3 - proposal for drum vault.pdf	FI identified leaking and crushed drums in drum vault and soil concentrations exceeding screening levels of contaminants of concern in the immediate area. Proposal to remove contents, clean, and backfill drum vault, and demolish warehouse building.	Y	Pp. 1-2 FI Investigation detected contaminants of concern at levels exceeding soil screening levels, and documentation that contaminants are attributable to the site.	8/28/2008		2			
ADEQ1	AMEC Documents				2008-09-12 Letter to AMEC - NOD of Facility Investigation Workplan Supplement 3 [drum vault].pdf	ADEQ does not approve the PRP FI Workplan Supplement 3, Interim Measure of Removal from Drum Vault. ADEQ cites inadequate characterization of intact drum contents, lack of confirmation sampling, and lack of concurrence with standard practices and regulations. ADEQ requests an acceptable plan for removal of drum vault contents.	Y	Pp. 1-2 demonstrates inadequate proposed procedures for FI on part of PRPs.	9/12/2008		2			
ADEQ1	AMEC Documents				2008-10-01 Letter to ADEQ - request for approval of well location (1 of 2).pdf	Letter from AMAC to ADEQ requesting approval of alternate location for installation of offsite monitoring well.	Y	P. 1 change in location of monitoring well as approved in FI workplan. P. 1 extent of contamination will be based on well location(s) changed from approved FI workplan.	10/1/2008		2			
ADEQ1	AMEC Documents				2008-10-01 Letter to ADEQ - request for approval of well location (2 of 2) [well location map].pdf	Map of proposed additional monitoring well locations in alluvial aquifer.	Y	Sample locations and analytical results posted on map.	10/1/2008		1			
ADEQ1	AMEC Documents				2008-10-13 Draft Interim Facility Investigation Report.pdf	Draft Interim FI Report, submitted to ADEQ from Geomatrix (PRP contractor).	Y	Pp. 9-17 maps documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels. Pp. 25-27, 29, 32-43, 45-48, 51-53, 56-58, 62-64, and 68-70 tables documenting analytical results and contaminants with levels exceeding soil and groundwater screening levels.	#####		73			
ADEQ1	AMEC Documents				2009-02-24 AMEC Facility Investigation Report.pdf	FI Report; documents contamination of soil and groundwater with VOCs, SVOCs, pesticides, herbicides, and arsenic. The drum vault had drums in poor condition and crushed, and some containing unknown material. The vault was resealed and left. Soil and water samples collected in vault documented contaminants of concern.	Y	Pp. 25-30, 53-71, 82-85, 87-89, 91-94, 96-108, and 110-125 groundwater and soil contamination above screening and/or regulatory levels documented for 1,2-DCA, 1,2-DCB, dinoseb, 4-chloraniline, toluene, and acetone.	2/24/2009		351			
ADEQ1	AMEC Documents				2009-04-21 Meeting minutes.doc	Minutes from meeting with ADEQ and Exxon, Helena Chemical, and Ensaf to discuss ADEQ comments to FI Report.	Y	P. 1 minutes include statement about purchase of site not going through. Pp. 1-2 include disagreements about scope of evacuation.	4/21/2009		2			
ADEQ1	AMEC Documents				2009-04-21 sign in sheet.pdf	Sign-in sheet for 4/21/2009 meeting	Y	List verifies attendees of meeting cited in above entry (2009-04-21 Meeting minutes.doc).	4/21/2009		1			
ADEQ1	AMEC Documents				2009-04-22 Letter to AMEC - comments on FI Report.pdf	ADEQ review of FI Report cites deficiencies and/or concerns, including improper location of wells on map, not including all potential sources of contamination, and inconsistencies between report narrative and table analytical results. ADEQ requests response to each item.	Y	P. 1 documents that FI Report as submitted to State, is not final, and will be amended/changed.	4/22/2009		2			

ADEQ1	AMEC Documents				2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	Amec response to ADEQ comments to FI Report. The FI Report was revised to address ADEQ's comments, and amended and new pages are attached for ADEQ's approval.	Y	Pp. 1-2 show data on perched aquifer. P. 21 shows corrected text. P. 24 shows revised well locations.	5/29/2009		24			
ADEQ1	AMEC Documents				2009-06-04 Letter to AMEC - approval of FI Report and request for change pages.pdf	ADEQ review and approval of Amec's revisions to FI Report.	Y	P. 1 documents that revised FI Report data supersedes original FI Report data.	6/4/2009		3			
ADEQ1	AMEC Documents				2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	Amec final response to comments and submittal of revised FI Report pages.	Y	Pp. 4-26 Revised pages were intended to replace original pages; a full revised report, with a new date, and new cover page, was not generated. Documents that the FI Report was amended after it was submitted.	6/16/2009		27			
ADEQ1	AMEC Documents				2009-08-11 Feasibility Study Report.pdf	FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix.	Y	Pp. 9-10 document areas of contamination in soil and groundwater. Pp. 42-44 figures indicate samples collected that exceed screening levels. Pp. 15-29 outline remedies. P. 30 outlines RD.	8/11/2009		155			
ADEQ1	AMEC Documents				2009-08-26 Memo to Cindy - comments on FS Report.doc	ADEQ internal memo, review of FS Report, found inadequate in proposed drum characterization, drum vault cleaning, and confirmation sampling.	Y	Documents changes will be made to site characterization outlined in FS Report.	8/26/2009		1			
ADEQ1	AMEC Documents				2009-09-10 Meeting Minutes.doc	Minutes of conference call between ADEQ and PRPs to discuss comments to the FS Report.	Y	Cites inadequacies in FS, which will require changes.	9/10/2009		1			
ADEQ1	AMEC Documents				2009-09-30 meeting with AMEC at ADEQ headquarters.pdf	Meeting between ADEQ and PRPs re ADEQ comments to FS.	Y	Includes sign in sheet of attendees, detailed write-up of ADEQ comments to FS, and handwritten notes. Pp. 2-3 document inadequacies in FS.	9/30/2009		3			
ADEQ1	AMEC Documents				2009-10-14 Letter to ADEQ - Draft FS Response to Comments.pdf	Amec Geomatrix Response to ADEQ Comments to FS Report. Dismisses some ADEQ comments as not feasible or outside scope.	Y	All 8 pages relevant. Precedes ADEQ's response to Amec Geomatrix below (2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf), detailing specifics of Amec's proposed actions, which ADEQ stated to be in conflict with EPA and State guidance and policy.	#####		8			
ADEQ1	AMEC Documents				2009-10-28 Letter to AMEC - Response to Feasibility Study .pdf	Certified mail letter from ADEQ to Amec Geomatrix, re Amec's response to ADEQ comments to FS. Specific ADEQ concerns in areas of institutional controls and remedial technology for groundwater contamination, establishing soil clean up levels, inclusion of arsenic in contaminants of concern, recommendations in conflict with EPA and State guidance and policy.	Y	Pp. 1-2 cite contaminants of concern and concentrations, and establish additional criteria for FS.	#####		4			
ADEQ1	AMEC Documents				2009-12-15 AMEC Feasibility Study.pdf	Revised FS Report, submitted to ExxonMobil and Helena Chemical, by AMEC Geomatrix. Revised to address ADEQ comments in letters dated 9/10/2009 and 10/28/2009.	Y	Pp. 9-11 document areas of contamination in soil and groundwater. Pp. 75-78 figures indicate samples collected that exceed screening levels. Pp. 15-68 outline remedy and cost alternatives.	#####		217			
ADEQ1	ADEQ and EPA Documents				1991-06-06 Proposed CAO LIS 86-027.pdf	Proposed draft CAO from ADPC&E to counsel for Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Unsigned.	Y	Pp. 2-6 outline site work to be done and format for reporting.	6/6/1991		11			
ADEQ1	ADEQ and EPA Documents				1991-07-11 CAO LIS # 91-118.pdf	CAO between ADPC&E and Cedar Chemical Corp. Agreement to remove buried drums and conduct closure of burial area, and develop and implement FI workplan. Signed.	Y	Pp. 1-6 outline site work to be done and format for reporting.	7/11/1991		12			
ADEQ1	ADEQ and EPA Documents				1993-06-01 communication.pdf	Conditional approval of RFI workplan from ADPC&E to Cedar Chemical Co. Conditions include: lab QA plan, investigate additional area of buried drums identified through State documents, requirement for AR	Y	Pp. 3-8 lists conditions to be met, including groundwater sampling, quality assessment plan, and monitoring well installation, plugging and abandonment procedures.	6/1/1993		298			
ADEQ1	ADEQ and EPA Documents				2003-04-02 CSM Report by EPA.pdf	Conceptual Site Model, submitted from EPA to ADEQ. Consolidates information about status of facility with respect to exposures to human health and migration of contaminated groundwater.	Y	Profiles, by media, pp. 17-72.	4/2/2003		89			
ADEQ1	ADEQ and EPA Documents				2003-04-02 figure extracted from CSM Report - (figure of boundaries of Site 3).pdf	Site map showing "sites 1-9."	Y	Map shows site features and layout. May help delineate extent of contamination.	4/2/2003		1			

ADEQ1	ADEQ and EPA Documents				2003-06-24 Appraisal of Equipment.pdf	Appraisal of machinery and equipment at site. Done by appraisal contractor for ADEQ.	Y	P. 1 summarizes total values for replacement, fair market, and liquidation. Pp. 7-50 itemizes all site equipment, including waste storage and treatment items, and their locations. Provides insight into site operations and materials handled.	6/24/2003		70			
ADEQ1	ADEQ and EPA Documents				2003-11-15 EPA Removal Action Report.pdf	EPA Removal Action Report, prepared by Weston for EPA. Removal Action consisted of inventorying containerized chemicals onsite, conducting screening, and preparing materials for offsite disposal. Appendices, containing laboratory results of materials removed, are not attached.	Y	Pp. 12-13 summarizes removal of calcium chloride and other products. Pp. 14-22 lists manifests and some specifics on removed substances.	#####		23			
ADEQ1	ADEQ and EPA Documents				2004-04 ADEQ Comprehensive Site Assessment.pdf	Comprehensive Site Assessment prepared under Brownfield Program, for ADEQ.	Y	Pp. 4 and 8 conclude that site is suitable for industrial use only, and would result in continued stormwater and groundwater contamination until remediated. Pp. 38-41 list contaminants of potential concern in soil and sediment, cancer risk and reasonable maximum exposure. Document date is month and year only.	4/00/2004		42			
ADEQ1	ADEQ and EPA Documents				2006- ATSDR Health Consultation.pdf	Follow-up report on Farm Workers exposed to 1,2-DCA contaminated groundwater adjacent to site.	Y	P. 6 reports farm workers exposed to contaminated groundwater from site via offsite irrigation wells. Demonstrates offsite migration of 1,2-DCA in groundwater. P. 9 concludes that 1.2-DCA levels are below health comparison values and pose no apparent public health hazard.	6/16/2006		16			
ADEQ1	ADEQ and EPA Documents				2006-01-17 Plan of Action for Removal.doc	Sequential order for remediation: dismantling, site asset auction, site demolition and debris removal, remedial action, O&M.	Y	P. 2 summarizes remedial action and O&M.	1/17/2006		2			
ADEQ1	ADEQ and EPA Documents				2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	CAO between ADEQ and Ansel, Helena Chemical, and ExxonMobil Chemical to maintain interim measures (site security, maintenance, stormwater control), plan and implement SI and FS, and establish plan for preservation and custody of documents in possession of ADEQ. Signed.	Y	Pp. 4-5 give site history.	3/22/2007		16			
ADEQ1	ADEQ and EPA Documents				2008-03-28 News Release.doc	News release from ADEQ to press/news reporting outlets that ADEQ and Ansel, Helena Chemical and ExxonMobil Chemical have entered into agreement for interim measures, and that ADEQ has asked for voluntary dismissal of lawsuit.	Y	Pp. 1-2 give concise ownership history. Date in title (document name column) is incorrect. Correct date of document is 3/28/2007.	3/28/2007		2			
ADEQ1	ADEQ and EPA Documents				2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft RADD. Summarizes selected remedies and alternatives. Summarizes manifests with substances and quantities of wastes.	Y	Pp. 13-22 summarize 74 SWMUs and 3 AOCs. Pp. 23-24 summarize COCs in soil and groundwater, and those that that exceed health-based screening levels. Pp. 25-26 summarize human health and ecological risks. Pp. 40-42 summarize selected remedies and alternatives. Pp. 55-63 summarize manifests.	2/24/2010		70			
ADEQ1	ADEQ and EPA Documents				2010-04-10 Cedar Lease Agreement.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw Products, LLC, Lessee. Signed, but missing dates of lease term. Lessee will use property for wood products process and manufacturing facility.	Y	2011-04-27 Lease Agreement with option to Purchase.pdf is a duplicate of this document. This document has two pages numbered 13--one without signatures, one with signatures. P. 4 documents that wood products process and manufacturing facility leased site in 2010.	4/10/2010		14			
ADEQ1	ADEQ and EPA Documents				2010-05-11 Letter to politicians - notice of lease agreement.pdf	Letters from ADEQ to: State Senators Crumbly and Malone and State Representative Hall, regarding lease agreement with option to purchase between ADEQ and Quapaw, LLC, effective 4/27/2010.	Y	p. 1 establishes commencement date of 4/27/10 Lease Agreement for wood products process and manufacturing facility.	5/11/2010		4			
ADEQ1	ADEQ and EPA Documents				2010-06-03 Final RADD.pdf	ADEQ Response to PRP Comments to Draft RADD, and Final Decision with attached Final RADD. Summarizes manifests with substances and quantities of wastes.	Y	Pp. 68-77 summarize 74 SWMUs and 3 AOCs. Pp. 78-79 summarize COCs in soil and groundwater, and those that that exceed health-based screening levels. Pp. 80-81 summarize human health and ecological risks. Pp. 96-98 summarize selected remedies and alternatives. Pp. 111-119 summarize manifests.	6/3/2010		124			

ADEQ1	ADEQ and EPA Documents				2011-04-27 Lease Agreement with option to Purchase.pdf	Lease agreement with option to purchase. Cedar Chemical Public Ownership Trust, Lessor; Quapaw Products, LLC, Lessee. Signed, but missing dates of lease term. Lessee will use property for wood products process and manufacturing facility.	Y	Duplicate of 2010-04-10 Cedar Lease Agreement.pdf, with one page numbered 13 with signatures. P. 4 documents that wood products process and manufacturing facility leased site in 2010.	4/27/2011		13			
ADEQ1	ADEQ and EPA Documents				2012-03-09 Cedar No Dig Map 11x17.pdf	Map showing where excavation is not allowed.	Y	Shows facility buildings and features with labels.	3/9/2012		1			
ADEQ1	ADEQ and EPA Documents				2012-03-21 Ar Dem Gazette Article.mht	Newspaper article that cleanup costs at site exceed the funding available in the ADEQ Remedial Action Trust Fund. The State requested that the U.S. EPA add the site to the national Superfund list.	Y	Documents cost of cleanup at \$37 Million to date of article.	3/21/2012		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report			2006-03-31 Cedar Trip Report.pdf	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3), with an extra blank page at end of document.	3/31/2006		19			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-01-06 Groundwater Data from 2005.rtf	Laboratory analytical data from one or more sampling events.	Y	May be useful for documenting contamination, but lab sample IDs would need to be matched with trip sample IDs to determine sample locations. Data are not validated.	1/6/2006		141			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		2006-03-31 Cedar Trip Report.doc	Trip Report groundwater, soil, and sediment sampling by Booz Allen Hamilton for EPA under RCRA REPA3 contract.	Y	Duplicate of 2006-03-21 To EPA Region 6 from Booz Allen Hamilton - Cedar Trip Report.pdf (processes listed p.3).	3/31/2006		18			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		Monitoring Well Locations.xls	Trip Report Monitoring Well Locations by latitude, longitude	Y	Documents locations of monitoring wells installed and sampled.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttA.pdf	Trip Report soil boring log	Y	Pp. 1-4 document subsurface staining and odor at sampling location.	3/31/2006		4			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P1.pdf	Trip Report Field Notebook. Groundwater sampling and photo log.	Y	Might be useful for additional documentation of groundwater sampling and/or photos.	3/31/2006		19			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P2.pdf	Trip Report Field Notebook. Groundwater sampling.	Y	Might be useful for additional documentation of groundwater sampling.	3/31/2006		20			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttC-P3.pdf	Trip Report Field Notebook. Groundwater, sediment, and subsurface soil boring sampling with photo log.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling and/or photos.	3/31/2006		8			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P1.pdf	Trip Report Photo 1, photo documentation of groundwater, sediment, and subsurface soil boring locations.	Y	Might be useful for additional documentation of groundwater, sediment, and subsurface soil boring sampling, in conjunction with field notebooks and trip report.	3/31/2006		17			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P2.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006		12			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095-AttD-P3.pdf	Trip Report Photo 1, photo documentation of groundwater sampling locations.	Y	Might be useful for additional documentation of groundwater sampling, in conjunction with field notebooks and trip report.	3/31/2006		14			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095_Fig2.pdf	Trip Report Figure 2, Onsite Sample Location Map	Y	Documents locations of soil, sediment, and groundwater samples collected onsite.	3/31/2006		1			
ADEQ1	ADEQ and EPA Documents	2005-06-31 EPA Sampling Report	Figures, Appendices, etc		R06804_095_Fig3.pdf	Trip Report Figure 3, Off Site Sample Location Map	Y	Documents locations of groundwater samples collected off site.	3/31/2006		1			

ADEQ1	ADEQ and EPA Documents	RADD			2010-02-24 Draft RADD (dated February 24, 2010).pdf	Draft Remedial Action Decision Document (RADD) issued by ADEQ for comments by public on site clean-up plans.	Y	Site produced variety of agricultural and organic chemicals, including insecticides, herbicides, polymers, & organic intermediates (page 8). Also mentioned as producing methoxychlor in 1970 and includes lists of chemicals produced at each of 6 production Units (page 8). Groundwater contaminants listed (pages 11 and 12). COCs listed for soil and GW (Tables 2A and 2B on pages 17 and 18). Removal action included inventory of chemicals removed from the site (Appendix A) which has a Chemicals/Manifest Summary with IL or AR manifest numbers, name of Transporter, but not Generator, and date range 08/14/2003-10/06/2003 (pages 54-62).	2/24/2010		67			
ADEQ1	ADEQ and EPA Documents	RADD			2010-03-18 AECOM comments on RADD.pdf	AECOM's review of RADD, with comments submitted to ADEQ on behalf of Tyco Fire Products LP, FKA Ansul, FKA Wormald. Comments included disputes of client participation and disagreements with earlier AECOM reports.	Y	References potentially useful earlier reports by AECOM: e.g., SI report, FFS report, FS report. Comments mention discrepancies between listed COCs and health-based standards (page 2).	3/18/2010		7			
ADEQ1	ADEQ and EPA Documents	RADD			2010-06-03 Final RADD.pdf	PDF file of Final Response to Comments & Final Decision on the RADD Document with attached Final RADD. Includes comments from Harsco Chemical/Quapaw Products, and from Allan Gares on behalf of Helena Chemical Co.	Y	Final RADD includes input from Comments to finalize, adjust and add information for SWMUs, for what is generated at production Units 1-6, for the COCs for soils (using both health protective screening limits and groundwater protection screening levels, for COCs for on-site perched groundwater, for on-site alluvial groundwater and off-site alluvial groundwater. Appendix A, Chemicals/Manifest Summary unchanged.	6/3/2010		123			
ADEQ1	ADEQ and EPA Documents	RADD			2010-07-07 RADD vs FS.doc	Word document titled Explanation of Significant Differences ADEQ RADD vs. AMEC FS.	Y	Document describes different ways in which COCs can be defined. Included are comparisons of two soil remediation methods: in situ stabilization and soil vapor extraction (SVE) and a comparison of building demolition plans. Soil treatment included areas treated and cost. The justification for soil treatment was to reduce source of dinoseb to the perched aquifer. Keeping selected buildings was per stipulations in lease of site to Quapaw LLC.	7/7/2010		2			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 1 - Pesticides in Soil and GW).pdf	Figure 1: Map of groundwater and soil sampling locations and lab results for pesticides and herbicides in March 2008.	Y	Map locations are color-coded for various exceedences of the different analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 2 - VOCs in Soil and GW).pdf	Figure 2: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different VOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown.	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-05-27 ----- Supplement to FI WP (Figure 3 - SVOCs in Soil and GW).pdf	Figure 3: Map of groundwater and soil sampling locations and lab results for VOCs in March 2008.	Y	Map locations are color-coded for various exceedences of the different SVOC analytes and from which groundwater horizon samples were collected, so both horizontal and vertical extents of contamination are shown	5/27/2008		1			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-08-28 FI WP Supplement No. 2 - Installation of additional alluvial aquifer wells.pdf	AMEC GeoMatrix's letter to ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co., proposed an additional well based on extent of contamination discovered during the Facility Investigation.	Y	Data from the additional monitoring wells for the Facility Investigation have shown 1,2-DCA contamination of groundwater extending beyond site boundaries.	8/28/2008		2			

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2008-10-13 Draft Interim Facility Investigation Report.pdf	Interim Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report includes potentiometric maps of four different aquifer horizons; distribution maps of laboratory results for VOCs, SVOCs, herbicides/pesticides in soil and groundwater; chlorinated hydrocarbons in groundwater; and soil and groundwater results from the drum vault. The report also had a cross section of the site showing the subsurface. Tabulated data included two quarters of sampling, spring and summer 2008. The full report is to be submitted in January 2009.	#####	3/28/2008-7/10/2008	73			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ by AMEC on behalf of ExxonMobil Chemical Co. and Helena Chemical Co.	Y	Report identified long term COCs in soil and groundwater beyond site boundaries (page 10-11). Other findings included: confirmation that perched aquifer had low transmissivity; therefore, small role in spreading contaminants laterally (page 23). Alluvial aquifers sourced by perched, with groundwater gradient rather flat and to SE and SW (page 24). Transmissivity higher in Alluvial aquifer. Plotted / discussed horizontal and vertical extents of various VOCs and SVOCs in soils above regulatory standards; some pesticides; metal concentrations in soils generally low compared to background results. Groundwater: some VOCs, SVOCs, pesticides in perched aquifer above regulatory standards (page 27); similar in alluvial aquifer but lower concentrations suggesting perched is the source and clay impedes downward flow (page 29). Text, tables and maps show distribution laterally and with depth and comparison of historical and current data to define trends (page 31). Data analyzed statistically (pages 35-36). Report concluded much of "contaminant mass" is in soil of the perched zone (page 38). Comparison with CCR data showed marked decrease in some	2/24/2009	11/16/2007-11/07/2008	351			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-05-29 Letter to ADEQ - Replacement pages for FI Report.pdf	AMEC responses to ADEQ questions/issues on the FI Report.	Y	Responses included sources of perched zone historic data and other historic data in Table 11 (pages 1 and 2); accurate locations of off-site wells (pages 2 and 3).	5/29/2009		24			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-06-16 Letter to ADEQ - submittal of change pages for FI Report.pdf	AMEC's submittal of replacement pages to finalize the FI report	Y	Replacement Table 11 (historical data comparison) (pages 8-9), addition of COC trend plots of concentrations over time (pages 11-23), and revised figures 2 and 5 (pages 25 and 26).	6/16/2009	11/16/2007-11/07/2008	27			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	AMEC	2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, to ADEQ, as required under the CAO signed 03/22/2007, to address agency questions.	Y	Intent of report was to recommend a remedy to address elevated COCs identified on the site. Findings at the site relevant to choice of remedy included: (1) on-site analytic results for various COCs in soil (5 COCs above screening levels) (page 9), (2) physical parameters for perched aquifer (low hydraulic conductivity) (page 9); (3) physical parameters for alluvial aquifer (highly transmissive - 4 COCs above screening levels) (page 10), (4) source appears to be process and waste disposal area (page 10); (5) drum vault has elevated levels of various COCs (page 10); (6) some impact to off-site agricultural wells (page 10). Comparison with historic analytic data shows decline in concentrations of COCs (page 11). The recommended remedies are a combination of exposure control, source containment, natural attenuation, and active treatment (pages 58-59).	#####		217			

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-03-30 Letter report to ADEQ - SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009		88			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-16 Documents requested by lawyers	Ansul	2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1990-06-15 Site Characterization WP.pdf	Site Characterization Work Plan on behalf of Cedar Chemical Corporation, which plans construction of a dichloroaniline plant.	Y	Project prompted by excavation, which found drum vault with 2-4,6 dinitrophenol. Drums reportedly buried around 1972 (page 5). Drum vault defined with magnetometer survey (pages 6-7); sampling planned (page 8). Documents provided do not include the actual Site Characterization report. Figure 2 (dated 1990) shows site with drum vault location, original tank farm area, stormwater pond and other features not on later site maps (page 24).	6/15/1990		94			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1991-10-15 Ensaf Facility Investigation Preliminary Report.pdf	Facility investigation Preliminary Report, prepared by Environmental & Safety Designs, Inc. for Cedar Chemical Corporation under a CAO issued by the ADPC&E (NKA ADEQ).	Y	Report provides picture of site while operating in 1991; five production units, a "biological treatment system," and closed surface impoundments (page 5). All hazardous materials/waste treated in "biological treatment system," and discharges under NPDES permit (page 7). Report describes basics of operations, size of operations (page 10), method of hazardous waste treatment and disposal off-site (page 10); transporters are listed (page 11). On-site disposal (pre-ownership by Cedar Chemical, i.e., 1971-1973) in unlined earthen ponds. Wastes disposed of included those from off-site facilities. One pond used to neutralize acidic chemicals. Drums (~300) buried on-site by prior owner/operator in concrete vault; Cedar Chemical to remove same per CAO (page 12). Site had numerous SWMUs (Figure 3.1, page 22) and was subject to several CAOs (pages 17-18). July 29, 1986 memo from contractor to EPA has site operations history and sampling results (pages 129-131).	#####	1970-10/15/1991	169			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Expanded revised version of 10/15/1991 version. Pages somewhat out of order; Table 2-1 has processes by unit, including feed, product, and gaseous, liquid and solid waste streams (pages 17-22); Table 2-2 list hazardous wastes generated at the site (pages 25-27) and reportedly disposed of off-site. Exceptions were three on-site ponds, which received propionic acid wastes, Calcium chloride brine from an insecticide process, and sulphuric acid waste; one was used to neutralize acidic wastes with limestone. Wastes also from Helena Chemical off-site location up to 1976; no specifics available. Ponds were closed in 1978 with a clay-bentonite cap (page 25). Table 3.1 lists 74 SWMUs (pages 43-46). Has additional reports in App. D (starting on page 157).	4/10/1992	1970-4/15/1992	337			

ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		1996-06-28 Ensaf FI Report Volume I.pdf	Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Only waste propionic acid, sodium hypochlorite scrubber liquor treated on-site "to remove corrosivity." Pre Cedar Chemical ownership, onsite disposal included waste water into unlined ponds from site and off-site activities, including propionic acid wastes, dichloroaniline, calcium chloride, sulfuric acid; ponds "closed" in 1978 also 3 drum disposal areas (pages 16-18). GWG S-5W - consistent between measurements but not similar to 1993 report (page 167). Conclusions (page 220-225) describes the "sites" w/in the Site. No index map showing locations of the 9 "sites."	6/28/1996		225			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (1 of 4).pdf	Submittal of Current Conditions Report (1 of 4) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Onsite soil profile includes thicknesses and soil types to explain movement of groundwater, lateral vs. vertical transmissivity (page 15); local hydro- geology describes on-site aquifers (page 17); brief process descriptions (page 19); quarterly GW monitoring started in 1988 (page 21); one disposal pond, Site 9, was where "off spec dinoseb" was disposed of (page 31); one or ore perched aquifers beneath surface impoundments; change size/shape based on surface water; contaminated from soil; alluvial aquifer show contamination beyond site boundaries (pages 41-42); existing waste areas: drum vault, dinoseb pond, surface impoundments (page 49). historical go and soils data from 1994 w/ exceedence shaded, per appropriate Region 6 MSSL (tables p. 53-177); ,	#####	12/20/1994-11/16/2007	194			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (2 of 4) (Figures 2 - 14) .pdf	Conditions Report (2 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures include map and two cross-sections, and distribution of 5 COCs in perched and/or alluvial aquifers.	#####		12			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (3 of 4) (Figures 16 - 19) .pdf	Conditions Report (3 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four COCs.	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2007-11-16 --- Current Conditions Report (4 of 4) (Figures 20 - 24) .pdf	Conditions Report (4 of 4 - figures) by GeoMatrix to ADEQ on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Figures of distribution in soil of four additional COCs.	#####		4			
ADEQ1	ADEQ and EPA Documents	RADD	2010-03-17 Document Request		2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	#####		217			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		1988-07-19 Hydrogeologic Study.pdf	Hydrogeologic Study of the site by Grubbs, Garner & Hoskyn, Inc. for Cedar Chemical Corporation	Y	Focus is on alluvial aquifer, approximately 25-42 ft BGS. Transmissivity varies but generally higher than overlying tighter soils. Gradient very shallow and generally to south=west	7/19/1988		52			
ADEQ1	ADEQ and EPA Documents	RADD	2010-04-07 FOIA Request Documents		A0006LN0.pdf	Submittal of Feasibility Study Report, revised by EnSafe, to ADPC&E to address agency questions on behalf of Cedar Chemical Company (report twice as long as earlier version, because back sides of pages scanned.)	Y	Comments limited to new sections; App A Memo (dated 08/26/1992) re historical site operations based on testimony of former employees; in 07/19/1972 Ansul converted propanil facility to manufacture dinoseb; drum burial pits constructed 12/1992; inventory of chemicals on site as of 11/14/1972 attached.	9/15/1992		711			

ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Y	Per 37 wells completed in either perched or alluvial aquifer, groundwater gradient (GWG) in the perched aquifer showed a radial pattern to the south and west with a variable gradient; GWG in the alluvial aquifer was to east-southeast and consistently at a very shallow gradient.	8/7/2007		29			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-02-24 AMEC Facility Investigation Report.pdf	Facility Investigation (FI) Report submitted to the ADEQ on behalf of ExxonMobil Chemical Co. and Helena Chemical Co. by AMEC.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-02-24 AMEC Facility Investigation Report.pdf	2/24/2009	11/16/2007-11/07/2008	351			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-03-30 AECOM SI Report.pdf	Submittal of Letter Report titled Wormald Site Investigation Report, to ADEQ by AECOM on behalf of Tyco Safety Products; project objective was to investigate high levels of dinoseb at Site 3 obtained in 1996.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-03-30 Letter report to ADEQ - SI Report.pdf	3/30/2009	03/0/2009-29/2009	88			
ADEQ1	ADEQ and EPA Documents	RADD	2010-05-03 Document Request by Trip		2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3, prepared by AECOM on behalf of Tyco Safety Products with emphasis on remediation of dinoseb-impacted sub-surface soils at Site 3.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		1996-06-28 Ensafe FI Report Volume I.pdf	Facility Investigation Volume I, prepared for Cedar Chemical Corporation by Environmental and Safety Designs, Inc.	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-03-17 Document Request/1996-06-28 Ensafe FI Report Volume I.pdf	6/28/1996		225			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2001-03-21 Ensafe Risk Assessment.pdf	Risk Assessment Report, prepared for Cedar Chemical Corporation by EnSafe, Inc.	Y	Written while site operating. Manufactures various agricultural chemicals by batch processing; combination of chemical manufacture (e.g., propanil) + custom chemicals for client (none specified); 6 production units (page 23). "Chemicals of potential concern (COPC)" identified in surface and sub-surface soil and/or sediment at 7 of 8 sites (table pages 48-49). COPC in groundwater above screening levels at 6 of 8 sites (table page 50).	3/21/2001		328			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2003-11-15 EPA Removal Action Report.pdf	Removal Report, prepared for Cedar Chemical Corporation by Weston Solutions, Inc. for submittal to the Environmental Protection Agency	Y	Project objectives included characterization of chemical wastes at the site; inventory in Appendix D not included; source of Manifest Summary table (pages 14-22).	#####	7/16/2003-11/15/2003	23			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	Consent Administrative Order between ADEQ and Ansul, Helena chemical, ExxonMobil Chemical	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2007-03-22 CAO LIS 07-027 (signed by the 3 PRPs).pdf	3/22/2007		16			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2007-08-07 Well Assessment Report.pdf	Submittal of Well Assessment Report by EnSafe, Inc. for Helena Chemical Company per the CAO	Y	Duplicate of ADEQ1/ADEQ and EPA Documents/RADD/2010-05-03 Document Request by Trip/2007-08-07 Well Assessment Report.pdf	8/7/2007		29			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2009-06-29 Site 3 Focused Feasibility Study Report.pdf	Focused Feasibility Study Report Site 3 prepared by AECOM on behalf of Tyco Safety Product with emphasis on dinoseb.	Y	Duplicate of ADEQ1/Ansul, Tyco, Wormald/2009-06-29 Site 3 Focused Feasibility Study Report.pdf (dinoseb in soil)	6/29/2009	1996-2009	196			
ADEQ1	ADEQ and EPA Documents	RADD	Administrative Record		2009-12-15 AMEC Feasibility Study.pdf	Submittal of Revised Feasibility Study Report by AMEC to ADEQ to address agency questions on behalf of ExxonMobil Chemical Corporation and Helena Chemical Company, as required under the CAO signed 03/22/2007.	Y	Duplicate at ADEQ1/ADEQ and EPA Documents/RADD/2010-03-16 Documents requested by lawyers/AMEC/2009-12-15 AMEC Feasibility Study.pdf	#####		217			
ADEQ 2	Ensafe Documents				1987-09-25 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical Company and AK Dept. of Pollution Control & Ecology (DPCE) primarily regarding permitting.	Y	pp 51-59 and pp 64-77: permit transfers from Vertac to Cedar Chemical identify customers, end products and volume/year; pp 8-43 and pp 99-135: 1984 and 1985 Environmental Summary forms by month; RCRA inspections; pp 213-217: groundwater monitoring lab analysis; pp. 257-422: removal action work plan for drums and soil removal.	9/25/1987	5/25/1983-10/30/1991	422			

ADEQ 2	Ensafe Documents				1988 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	pp 2-20: site soil sampling report and analysis; pp 42-57: 1987 Hazardous Waste report, includes waste generate; pp173-196: description of processes and generated waste since 1980; RCRA inspections; pp 302-324: Environmental Reports (daily) for various dates; pp 333-344 1985 Biennial Hazardous Waste Report; pp 394-403: Annual Hazardous Waste Report; pp 405-428: Permit Application includes customer names and products.	Various	7/2/1981 - 8/15/1988	439			
ADEQ 2	Ensafe Documents				1990 correspondence.pdf	Correspondence between Vertac Chemical/Cedar Chemical and DPCE primarily regarding compliance.	Y	p. 6: sampling data; pp 96-101: RCRA inspection; pp 102-103: correspondence concerning buried drums. Testing found propanil, a COC; p 110: memo re: soil sampling results, lists VOCs found; pp 119 - 137: Ecology & Environment soils sampling report, lists contaminants found; pp 157-177: RCRA Inspection Report; pp 178-183: groundwater sampling results, includes COCs; pp 227-231 groundwater sampling results; pp 235-246: groundwater sampling results. pp 275-280: Generator Activity Report, includes waste descriptions, including COCs; pp 327: groundwater sampling results, includes COCs; pp 333-335: letter regarding tank rupture and resulting fire on site; pp 344-351: RCRA Inspection Report; p 367: soil sampling results.	Various	8/23/1988 - 8/27/1990	393			
ADEQ 2	Ensafe Documents				1990 report about vertac stuff.pdf	Process descriptions and diagrams, MSDSs, and sampling reports.	Y	pp 2-34 report on Permethrin. pp 69-81: list of chemicals used by Cedar Chemical. p 111: groundwater sampling results, includes COCs. pp 123-125: MSDS for Aromasol, which contains Isomeric Trimethyl Benzene, a COC. p 141-157: process descriptions and diagrams for products, which contain COCs. p 219: list of pesticides and herbicides. pp 221-232: process description and diagrams for Propanil herbicide. pp 280-283: process description and diagram for Permethrin, which contains COCs. pp 312-338 soil sampling report and results.	Various	9/29/1981 - 12/7/1989	339			
ADEQ 2	Ensafe Documents				1991-10-15 Ensaf Facility Investigation Preliminary Report .pdf	Facility Investigation Preliminary Report by Environmental & Safety Designx, Inc. (EnSafe)	Y	pp 135-142: Inorganic and Organic Soil Analysis Summaries; pp 149-151: Concentrations of Contaminants in Soil; pp 168-169: Monitoring Well Analysis Report.	#####	#####	169			
ADEQ 2	Ensafe Documents				1992-04-05 Lab Data on Pits 1 & 2 (includes Appendices A & D).pdf	Lab Analysis Reports	Y	pp 3-93 lab analysis reports, which include COCs; pp 94-118: Report of Remedial Action Activities, Phase II Removal of Additional Buried Drums and Contaminated Soil.	4/5/1992	3/1/1992 - 4/24/1992	118			
ADEQ 2	Ensafe Documents				1992-04-15 Preliminary Facility Investigation Report.pdf	Facility Investigation Preliminary Report by EnSafe	Y	pp 17-22: process descriptions, include process streams and waste streams that contain COCs; pp 42-52: waste analytical data, includes COCs; pp159-176: soil sampling results memorandum, includes COCs; pp 179-307 Surface Impoundment Sampling and Analysis Report, includes COCs; pp 318-337: groundwater data, includes COCs.	4/15/1992	4/15/1992	337			

ADEQ 2	Ensafe Documents				1993 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	p 11: list of violations from 11/90 to 5/92; pp193-221: 1991 Annual Hazardous Waste Form, contains COCs; pp 256-258: Dinoseb hazardous waste manifests; pp 287-288: Notification of Hazardous Waste Activity form, includes waste codes without descriptions; pp 301-302: Dinoseb hazardous waste manifests; pp 383-392: Consent Administrative Order.	Various	9/10/1990-6/1/1993	411			
ADEQ 2	Ensafe Documents				1993-06-01 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	This is a duplicate scan of the file "1993 Correspondence." The page count is different because in this version some pages were scanned double-sided (the second page is blank).	6/1/1993	9/10/1990-6/1/1993	526			
ADEQ 2	Ensafe Documents				1993-11-15 correspondence.pdf	Correspondence between DCPE and Cedar Chemical regarding compliance	Y	pp 14-23: PDCB analysis; p 138: sampling analysis results, includes COSs; p 157-Products Believed to Be Produced in Commercial Quantities at West Helena Site from 1970-1986, includes COCs; pp 159 -161: DPCE memorandum concerning process methods and contamination at the facility.	#####		210			
ADEQ 2	Ensafe Documents				1993-12-16 Technical Memorandum.pdf	Technical Memorandum Prepared by EnSafe	Y	Technical Memorandum prepared by Environmental and Safety Designs, Inc., Subject: Investigation Summary and Analytical Results.	#####	#####	288			
ADEQ 2	Ensafe Documents				1994-06-21 Phase II Facility Investigation WP.pdf	Phase II Facility Investigation Work Plan Prepared by EnSafe	Y	The Work Plan discusses results of the Phase I Investigation throughout.	6/21/1994	6/21/1994	83			
ADEQ 2	Ensafe Documents				1996-06-28 Ensaf FI Report Volume I.pdf	Facility Investigation Report Volume I Prepared by EnSafe	Y	Report includes results of soil and water sampling analysis; pp 89-159: Phase I and Phase II soil and sediment data; pp161-218: Phase I and Phase II groundwater data; pp 220-225: conclusions.	6/28/1996	6/28/1996	225			
ADEQ 2	Ensafe Documents				1996-06-28 Ensaf FI Report Volume II.pdf	Facility Investigation Report Volume II Prepared by EnSafe	Y	pp 173-553: Phase I, Phase II and Phase III sampling data by COC	6/28/1996	6/28/1996	554			
ADEQ 2	Ensafe Documents				1996-07-06 quarterly gw monitoring report.pdf	Quarterly Groundwater Monitoring Report prepared by EnSafe	Y	p 20: Baseline Groundwater Sampling Results, includes COCs; pp 24-39: analytical data, includes COCs	7/6/1996	7/6/1996	39			
ADEQ 2	Ensafe Documents				1999-10-08 Ensaf Risk Assessment Volume I.pdf	Risk Assessment Vol I, Prepared by EnSafe	Y	pp 13-14: COCs listed by site by media; pp 40-41 COCs and site locations for soil and sediment; p 64: COC by site and media; pp 79-80: ditch sediment COC concentrations.	10/8/1999	10/8/1999	89			
ADEQ 2	Ensafe Documents				1999-10-08 Ensaf Risk Assessment Volume II.pdf	Risk Assessment Vol II, Prepared by EnSafe	Y	pp 5-40: tables showing concentrations and locations of COCs; pp 64-65: non-cancer toxicity data; pp 66-67: cancer toxicity data; pp172-440: Phase I, Phase II, and Phase III surface and subsurface soil and sediment sampling data; pp 441-540: Phase I, Phase II and Phase III groundwater sampling data.	10/8/1999	10/8/1999	629			
ADEQ 2	Ensafe Documents				2000-08-15 Response to NODs and Ensaf Risk Assessment.pdf	Risk Assessment, Revision 1, Prepared by EnSafe and Cedar Chemical's responses to Notice of Deficiencies	Y	pp 19-20: COCs identified for soil and sediment; p 24: COCs by site and media; p 54: COCs by site and media; pp 55-56: COCs exceeding site-specific soil screening levels; pp 85-86: COCs by site and media; pp 101-102: ditch sediment concentrations.	8/15/2000	8/15/2000	115			

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